



SCHLUMBERGER LIMITED

September 27, 1995

Mr. Craig Zeller
United States Environmental Protection Agency
Region IV
345 Courtland Street
Atlanta, GA 30365

Re: Sangamo Weston/Twelve Mile Creek/Lake Hartwell
PCB Contamination Superfund Site: OU2
Pickens, South Carolina

Dear Craig.

Please find enclosed a copy of the 1995 Fish and Sediment Study of the Sangamo Weston Twelve Mile Creek/Lake Hartwell OU2. This report includes a discussion of the results plus analytical reports, quality assurance results and chain of custody for both the fish and sediment collected. Overall, the results of the fish tissue analyses indicated a decrease in PCB concentration as compared over the last six years. Included in the six-year summary of data are the results of the 1994 fish tissue study conducted by the State of South Carolina.

If you have any questions concerning these results, do not hesitate to contact me.

Regards,

A handwritten signature in black ink, appearing to read "CEK".

Clifford E. Kirchof, Jr.
Remedial Project Leader

CEK/hj

Enclosure


10115921



***LAKE HARTWELL
1995 FISH AND SEDIMENT STUDY
OPERABLE UNIT 2
ROD MONITORING PROGRAM***

August 1995

*Prepared for:
Schlumberger Industries Inc.
Sugar Land, Texas*



Project Manager



Reviewed By

ERM-Southeast, Inc.
215 Centerview Drive
Suite 110
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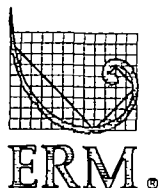


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1995

EXECUTIVE SUMMARY

A total of 165 fish, represented by largemouth bass, hybrid bass, channel catfish, bluegill, threadfin shad and grizzard shad were collected from six locations in Lake Hartwell during April 1995. Fish were analyzed for PCBs by SW-846 Method 8080 with the seven primary Aroclors identified. The locations included Twelve Mile Creek (SV-107), Martin Creek (SV-106), Eighteen Mile Creek (SV-532), Andersonville Island (SV-535), Tugaloo River (SV-641), and the Lake Hartwell Dam (SV-642).

Standard fillets were taken from individual game fish and analyzed for PCBs while forage species were analyzed as whole body composites. A standard fillet as defined by the USFDA is a scaled, skin-on fillet that includes the rib cage (catfish were skinned prior to fillet).

Largemouth bass, hybrid bass and channel catfish in Lake Hartwell continue to have PCB concentrations above the USFDA's recommended tolerance level of 2.0 ppm at selected sites. The highest level of contamination continues to occur in the Seneca River Arm of Lake Hartwell in the vicinity of Twelve Mile Creek embayment. At this station (SV-107), largemouth bass and channel catfish had mean total PCB concentrations of 3.33 and 2.45 ppm, respectively. The highest level of contamination in hybrid bass occurred at the next station downstream (SV-106) and in the Tugaloo Arm (SV-642) where mean total PCBs were 5.2 ppm and 5.78 ppm, respectively.

Forage fish indicated levels greater than 2.0 ppm in whole body tissues in three of the nine composite samples. The highest concentrations of PCBs were detected in grizzard shad at each of the three stations with the mean total PCBs detected at 13.3 ppm at station SV-107. The concentration of PCBs were significantly lower from station SV-107 to SV-532 to SV-641 in the forage species.

As has been the case since monitoring of the lake began in 1976, there was a decreasing gradient of PCB contamination in largemouth bass and channel catfish from the Twelve Mile Creek embayment to the dam. Since hybrid bass are migratory fish and spend time in various areas of the lake, there was no similar decreasing gradient in PCB contamination for the hybrid bass.

The six-year trend evaluation indicated that PCB concentrations in largemouth bass were declining at SV-107, while remaining relatively similar at the other five sites in the study. The data also indicated that PCB concentrations in channel catfish were increasing at SV-107 through 1994 but were significantly reduced in 1995. While the PCB concentration in fillets of both species is above 2.0 ppm, the recent data indicate a trend toward declining levels. Due to the migratory habits of

the hybrid bass no increasing or decreasing trends are observed aside from an increase over the past four years in the Tugaloo Arm

PCB concentrations were analyzed in composite sediment samples from twenty stations throughout the study area, including the Twelve Mile Creek Watershed (five locations) and Lake Hartwell (ten locations in the Twelve Mile Creek and Seneca River Arms and five in the main body of the lake). Sediment was sampled as composite samples across the channel at each station with a ponar dredge (sampling the top six inches of sediment). Both PCB and total organic carbon (TOC) were analyzed from each sample in order to determine the correlation between PCB concentration and organic material in the sediment. The highest concentration of PCBs was detected at station SD-013 (23.3 ppm). The PCB concentration tended to decrease in both upstream and downstream directions from this location. The SD-013 location is a primary depositional area for fine-grained material. The concentrations detected at SD-013 correspond to the levels monitored during the Remedial Investigation (RI), while the concentration of PCBs in sediment at stations in the Upper Twelve Mile Creek Arm are lower than levels detected during prior recent sampling.

1.0

INTRODUCTION

During 1976, the South Carolina Department of Health and Environmental Control (SCDHEC) and the United States Environmental Protection Agency (USEPA) discovered that fish from certain areas of Lake Hartwell (Anderson, Pickens and Oconee Counties) were contaminated with polychlorinated biphenyls (PCBs). This contamination was above the safe tolerance level for consumption of fish by humans (i.e., acceptable) established by the United States Food and Drug Administration (USFDA). Subsequent to these findings, a fish consumption advisory was issued for portions of Lake Hartwell as a conservative measure to reduce human exposure.

The SCDHEC has conducted yearly studies in Lake Hartwell since 1976 to evaluate the level of PCB contamination in fish. The primary focus of these studies has been to gather current PCB data for yearly updates in the fish consumption advisory. Annual results are available through 1993. During 1990, portions of Lake Hartwell became eligible for Superfund clean-up funds under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986. As a part of the June 1994 Final Record of Decision (ROD), aquatic biota monitoring and sediment sampling were required. The aquatic biota monitoring primarily includes a comprehensive fish tissue study which involves fish tissue sampling similar to the historic annual monitoring by the SCDHEC.

Summarized in this report are the results of the 1995 fish tissue and sediment study of Lake Hartwell as well as the 1994 fish tissue data collected by the State of South Carolina and Savannah District Corps of Engineers. These data are evaluated with the fish data back to 1990 in order to identify trends.

2.0

METHODS

Fish and sediment sampling was conducted in accordance with the procedures prescribed in the Final Record of Decision dated June 1994, and in coordination with SCDHEC, the Savannah District Corps of Engineers and US EPA Region IV. Mr. Harry Gayman of SCDHEC participated in two days of sampling with Mr. Mike Alexander of the Savannah COE assisting for one day. Fish selected included largemouth bass (Micropterus salmoides), hybrid bass (Morone sp.), channel catfish (Ictalurus punctatus), bluegill (Lepomis macrochirus), grizzard shad (Dorosoma cepedianum) and threadfin shad (Dorosoma petenense).

Fish were collected by electrofishing and gill netting techniques. Fish were kept on wet ice from the time of sample collection to dissection. After sample collection,

fish weight (g) and length (mm) were measured and recorded in a log book prior to fillet collection. Data recorded for each sample included species location, weight, length, date, sex, grab or composite and number. Fillets were collected with a precleaned stainless steel fillet knife.

Fish were placed on a table covered with clean sheets of aluminum foil. Foil was changed between fish species and stations. All fillets and whole fish samples were wrapped in aluminum foil, placed in a zip-lock bag, labeled and frozen on dry ice. Fat deposits and viscera were removed from each fillet rib cage with the fillet knife prior to wrapping of the sample. Sample collection was conducted in the field at each sample location. The sampling equipment was decontaminated with detergent wash, deionized water rinse and pesticide grade isopropanol rinse between each species and station. An equipment rinse blank and trip blank sample was collected once in every 20 samples. The size class range of fish collected was as follows:

| | |
|-----------------|-------------|
| largemouth bass | 1 5-3 0 lbs |
| channel catfish | 2 0-4 0 lbs |
| hybrid bass | 3 0-5 0 lbs |
| bluegill | 3-5 inches |
| grizzard shad | >12 inches |
| threadfin shad | >3 inches |

Fish were sent overnight by Federal Express to Northeast Analytical (NEA) in Schenectady, New York, a South Carolina-certified laboratory. Sufficient dry ice was placed with the fish samples such that they were received frozen.

Sediment samples were collected with a petite ponar dredge. The dredge has an opening of 6 inches x 6 inches and, in soft sediments, will collect to a depth of approximately six inches. Five grab samples were collected across the channel (typically bank to bank) at each open water location with individual grab samples collected in the Twelve Mile Creek stream locations. Composite samples were thoroughly mixed in an aluminum container prior to sampling with a clean stainless steel spoon. Each sample consisted of two four-ounce glass jars. Samples were kept on ice immediately following sample collection and through sample delivery.

The ponar, aluminum container used for mixing the composite samples, and stainless steel spoons were decontaminated between sample locations by use of a detergent wash, deionized rinse and pesticide grade isopropanol rinse. An equipment rinse blank and trip blank were collected each day with the sediment samples and two duplicates collected for a total of 22 sediment samples. Samples were shipped on ice overnight to NEA. Both fish and sediment samples were analyzed by SW-846 Method 8080 Polychlorinated Biphenyls.

RESULTS

Sampling locations were selected based on historical locations identified from the sampling conducted at Lake Hartwell to date. The six fish tissue sampling locations are depicted on Figure 1. Also illustrated in Figure 1 are the mean PCB concentrations in three fish species sampled during 1995. Figures 2 and 3 depict the sediment sample locations in Lake Hartwell and The Twelve Mile Creek watershed, respectively. Included in Figures 2 and 3 are the PCB and TOC concentrations detected during the 1995 sampling period. Provided in Table 1 is the summary of the 1995 Fish Tissue Study results with the analytical data sheets provided in Attachment I. Included in Table 1 are the sample number, date of sample, species sampled, length, weight, sex and PCB concentration. Presented in Table 2 are the PCB concentrations in each largemouth bass collected from each location as well as the mean and standard deviation for each station. The mean data are also graphically depicted on this table to illustrate the trends in mean concentration between stations. Similar information is presented in Tables 3 and 4 for hybrid bass and channel catfish, respectively, with these data summarized for bluegill, threadfin shad and grizzard shad in Table 5.

The PCB concentration exceeded the 2.0 ppm FDA tolerance level in largemouth bass filets. The mean values at stations SV-107 and SV-106 were 3.33 ppm and 3.09 ppm, respectively. The 2.0 ppm mean concentration level was exceeded at all stations by hybrid bass filets. The maximum mean value was detected at SV-642, at 5.78 ppm, and the lowest mean value at SV-107, at 2.21 ppm. The FDA level was exceeded at SV-107 only in catfish filets with a mean value of 2.45 ppm. The PCB concentration in all other locations was less than 2.0 ppm in catfish filets. The mean PCB concentration in whole tissue samples of forage fish (Table 5) indicates various degrees of bioaccumulation. Similar to previous studies the concentration detected in grizzard shad was much higher than in either bluegill or threadfin shad, with a maximum of 13.3 ppm detected at SV-107. The PCB concentration was less than 2.0 ppm in five of the nine forage fish samples. The PCB concentration was lower in each forage fish species with distance from the Twelve Mile Creek Arm of Lake Hartwell.

The PCB concentrations detected in the 1995 fish study are compared to historic data dating from 1990 to present. Illustrated in Figures 4 through 6 are the trends in PCB concentration of fish filets for largemouth bass, hybrid bass and channel catfish, respectively. Each figure depicts the trend of PCB concentration for each of the six locations sampled. The 2.0 ppm FDA tolerance level is exceeded in largemouth bass (Figure 4) at three stations during this period, including each sample collected at stations SV-107 and SV-106, with the exception of the 1990 sample at SV-106. A single exceedance is reported at station SV-532 during 1994. No exceedances are reported at stations SV-535, SV-641 and SV-642. Distinct trends over time are not observed in the data in the lower four stations.



Box Legend

| Sample Location | |
|-----------------|----------|
| LMB | Mean PCB |
| HB | Mean PCB |
| CC | Mean PCB |

All results in PPM

LMB = Large Mouth Bass

HB = Hybrid Bass

CC = Channel Catfish

| | |
|--------|------|
| SV-107 | |
| LMB | 3.33 |
| HB | 2.21 |
| CC | 2.45 |

| | |
|--------|------|
| SV-106 | |
| LMB | 3.09 |
| HB | 5.2 |
| CC | 1.51 |


| | |
|--------|------|
| SV-532 | |
| LMB | 1.94 |
| HB | 2.86 |
| CC | 1.12 |

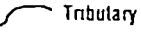
| | |
|--------|------|
| SV-641 | |
| LMB | 0.11 |
| HB | 2.98 |
| CC | 0.21 |

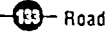
| | |
|--------|------|
| SV-535 | |
| LMB | 0.92 |
| HB | 3.99 |
| CC | 0.41 |

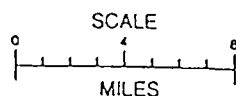
| | |
|--------|------|
| SV-642 | |
| LMB | 0.54 |
| HB | 5.78 |
| CC | 0.35 |

LEGEND

 Fish Sampling Station

 Tributary

 Road



SOUTH CAROLINA
- GEORGIA

SOUTH CAROLINA
- GEORGIA



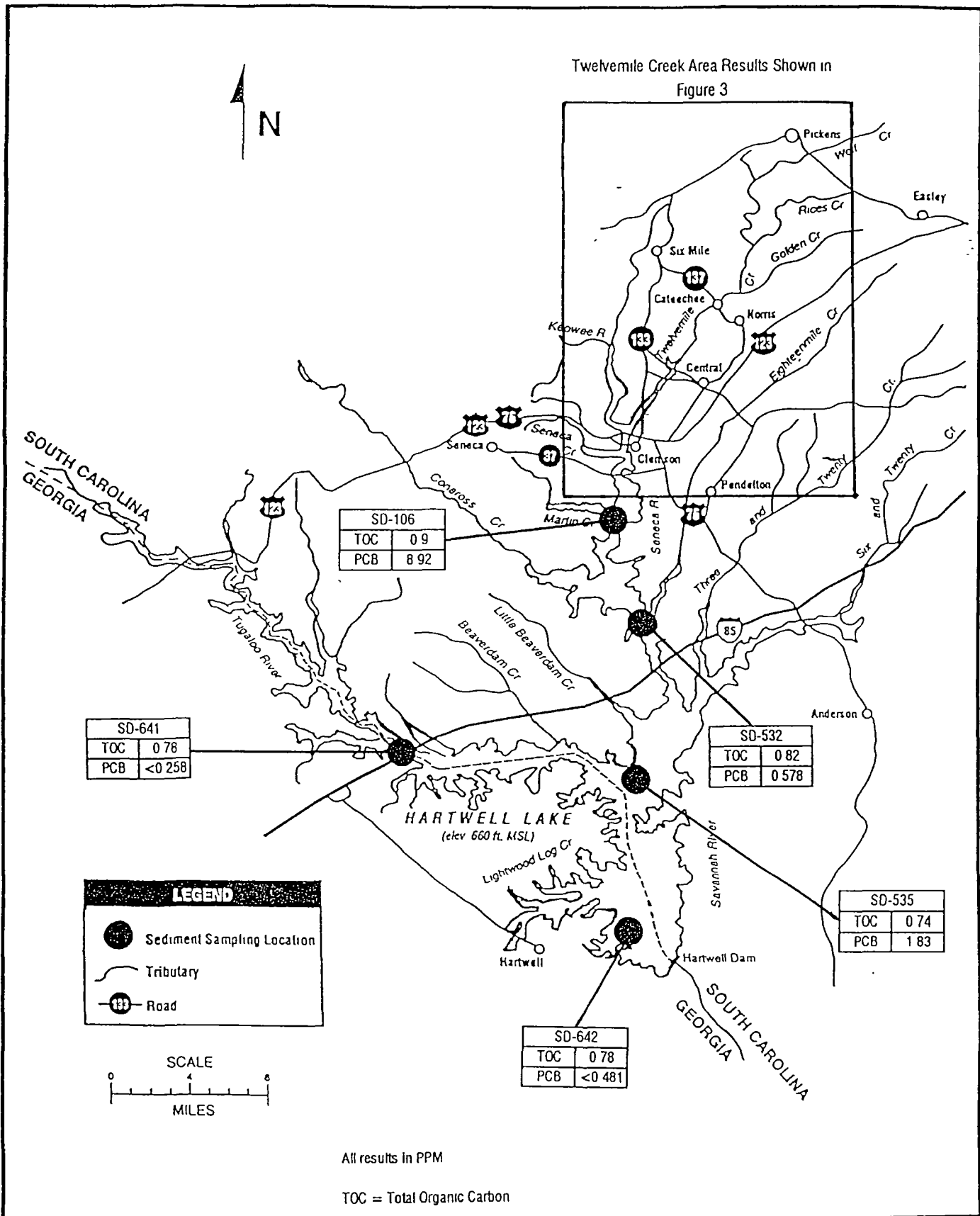
ERM-Southeast, Inc.
Brentwood, Tennessee

FISH SAMPLING STATIONS IN LAKE HARTWELL
APRIL 1995 OU2 FISH STUDY

FIGURE

1

4517002A SCHLUM 7-27-95 MAJW



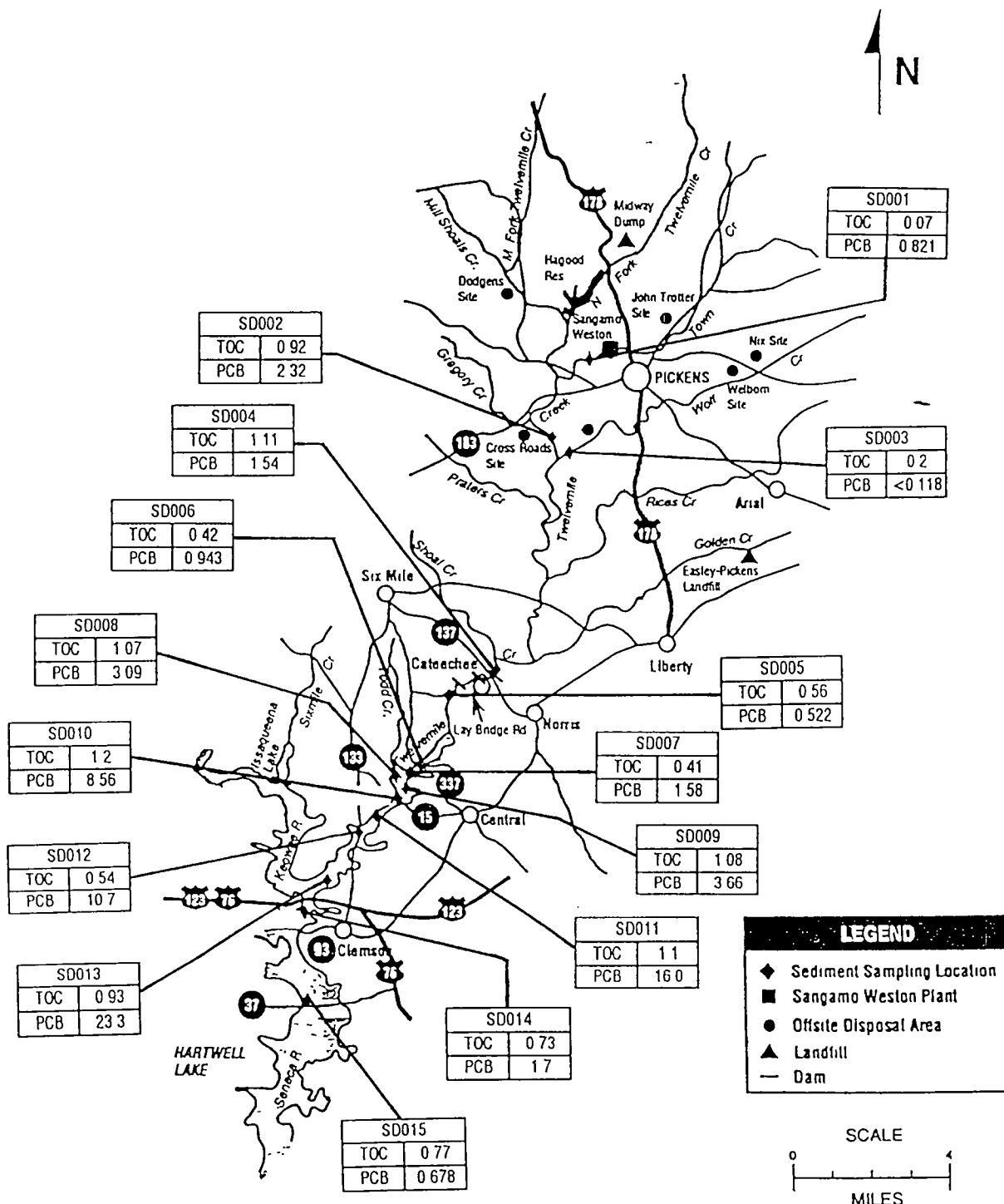


ERM-Southeast, Inc.
Brentwood, Tennessee

SEDIMENT SAMPLING STATIONS IN TWELVEMILE CREEK SHOWING ANALYTICAL RESULTS FOR MAY 1995 OU2 FISH STUDY

FIGURE

3



All results in PPM

TOC = Total Organic Carbon

Table 1

Schlumberger OU2 Fish Study
April 1995

| Sample Number | Date | Species | Length (mm) | Weight (grams) | Sex | PCB Concentration (ug/g) |
|---------------|---------|---------|-------------|----------------|-----|--------------------------|
| SV-107-01 | 4/25/95 | hb | 450 | 1410 | f | 3 45 |
| SV-107-02 | 4/25/95 | hb | 455 | 1425 | f | 1 34 |
| SV-107-03 | 4/25/95 | lmb | 390 | 655 | f | 5 84 |
| SV-107-04 | 4/25/95 | lmb | 385 | 900 | f | 1 16 |
| SV-107-05 | 4/25/95 | lmb | 475 | 1250 | f | 3 78 |
| SV-107-06 | 4/25/95 | cc | 470 | 1050 | m | 2 03 |
| SV-107-07 | 4/25/95 | cc | 410 | 600 | m | 2 49 |
| SV-107-08 | 4/25/95 | bg | 115-165 | 290t | u | 3 15 |
| SV-107-09 | 4/25/95 | gs | 315-360 | 2060t | u | 13 3 |
| SV-107-10 | 4/25/95 | ts | 110a | 20t | u | 2 35 |
| SV-107-11 | 4/25/95 | lmb | 420 | 860 | f | 3 69 |
| SV-107-12 | 4/25/95 | lmb | 400 | 800 | f | 3 02 |
| SV-107-13 | 4/25/95 | lmb | 395 | 750 | f | 2 81 |
| SV-107-14 | 4/25/95 | lmb | 395 | 850 | f | 1 81 |
| SV-107-15 | 4/26/95 | lmb | 435 | 1230 | f | 5 67/6 11d |
| SV-107-16 | 4/26/95 | lmb | 265 | 650 | f | 2 2 |
| SV-107-17 | 4/26/95 | lmb | 362 | 650 | m | 3 12 |
| SV-107-18 | 4/26/95 | hb | 430 | 1060 | m | 5 83 |
| SV-107-19 | 4/26/95 | hb | 495 | 1650 | f | 1 48 |
| SV-107-20 | 4/26/95 | hb | 480 | 1550 | f | 0 74 |
| SV-107-21 | 4/26/95 | hb | 415 | 1110 | f | 3 7 |
| SV-107-22 | 4/26/95 | hb | 495 | 1900 | f | 1 94 |
| SV-107-23 | 4/26/95 | hb | 425 | 1100 | m | 1 44 |
| SV-107-24 | 4/26/95 | hb | 540 | 2390 | f | 0 686 |
| SV-107-25 | 4/26/95 | hb | 435 | 1075 | m | 1 37/1 64d |
| SV-107-26 | 4/26/95 | cc | 510 | 1470 | f | 4 |
| SV-107-27 | 4/26/95 | cc | 480 | 1020 | m | 1 28 |

lmb - Large Mouth Bass
 hb - Hybrid Bass
 cc - Channel Catfish
 ts - Threadfin Shad
 gs - Gizzard Shad
 bg - Bluegill

f - Female
 m - Male
 u - Unknown
 a - Combined Average
 t - Combined Total
 d - Duplicate

Table 1
Schlumberger OU2 Fish Study
April 1995

| Sample Number | Date | Species | Length (mm) | Weight (grams) | Sex | PCB Concentration (ug/g) |
|---------------|---------|---------|-------------|----------------|-----|--------------------------|
| SV-106-01 | 4/25/95 | hb | 540 | 1950 | f | 3 99 |
| SV-106-02 | 4/25/95 | hb | 550 | 2450 | f | 8 89 |
| SV-106-03 | 4/25/95 | hb | 530 | 1860 | f | 1 77 |
| SV-106-04 | 4/25/95 | hb | 470 | 1500 | f | 6 18 |
| SV-106-05 | 4/25/95 | hb | 530 | 1840 | f | 6 24/6 95d |
| SV-106-06 | 4/25/95 | hb | 510 | 1800 | f | 10 1 |
| SV-106-07 | 4/25/95 | hb | 470 | 1600 | f | 0 87 |
| SV-106-08 | 4/25/95 | hb | 515 | 2250 | f | 4 54 |
| SV-106-09 | 4/25/95 | cc | 400 | 580 | f | 1 99 |
| SV-106-10 | 4/25/95 | cc | 440 | 700 | m | 1 66 |
| SV-106-11 | 4/25/95 | cc | 445 | 780 | m | 1 37 |
| SV-106-12 | 4/25/95 | lmb | 380 | 700 | f | 1 73 |
| SV-106-13 | 4/26/95 | lmb | 430 | 1150 | f | 2 83 |
| SV-106-14 | 4/26/95 | lmb | 360 | 650 | f | 4 84 |
| SV-106-15 | 4/26/95 | lmb | 360 | 675 | f | 4 28/4 0d |
| SV-106-16 | 4/26/95 | lmb | 360 | 650 | f | 2 96 |
| SV-106-17 | 4/26/95 | lmb | 445 | 1200 | f | 4 14 |
| SV-106-18 | 4/26/95 | lmb | 370 | 650 | f | 0 79 |
| SV-106-19 | 4/26/95 | lmb | 370 | 650 | f | 5 72 |
| SV-106-20 | 4/27/95 | lmb | 490 | 1600 | f | <0 102 |
| SV-106-21 | 4/27/95 | lmb | 385 | 790 | m | 3 69 |
| SV-106-22 | 4/27/95 | cc | 420 | 670 | f | 1 03 |
| SV-106-23 | 4/27/95 | hb | 445 | 1300 | m | 5 41 |
| SV-106-24 | 4/27/95 | hb | 530 | 2000 | f | 7 41 |

lmb - Large Mouth Bass
hb - Hybrid Bass
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ts - Threadfin Shad
gs - Gizzard Shad
bg - Bluegill

f - Female
m - Male
u - Unknown
a - Combined Average
t - Combined Total
d - Duplicate

Table 1

Schlumberger OU2 Fish Study
April 1995

| Sample Number | Date | Species | Length (mm) | Weight (grams) | Sex | PCB Concentration (ug/g) |
|---------------|---------|---------|-------------|----------------|-----|--------------------------|
| SV-532-01 | 4/26/95 | hb | 520 | 1860 | f | 2 36 |
| SV-532-02 | 4/26/95 | hb | 455 | 1300 | f | 2 45 |
| SV-532-03 | 4/26/95 | hb | 530 | 1730 | f | 2 32 |
| SV-532-04 | 4/26/95 | hb | 505 | 1800 | f | 2 92 |
| SV-532-05 | 4/26/95 | hb | 475 | 1525 | f | 2 13 |
| SV-532-06 | 4/26/95 | hb | 520 | 2000 | f | 1 1 |
| SV-532-07 | 4/26/95 | hb | 490 | 1550 | f | 2 65 |
| SV-532-08 | 4/26/95 | hb | 555 | 2500 | f | 5 71 |
| SV-532-09 | 4/26/95 | hb | 465 | 1520 | f | 3 81 |
| SV-532-10 | 4/26/95 | hb | 530 | 2300 | f | 3 12/3 08d |
| SV-532-11 | 4/26/95 | lmb | 450 | 1175 | f | 2 27 |
| SV-532-12 | 4/26/95 | lmb | 380 | 710 | f | 0 616 |
| SV-532-13 | 4/26/95 | lmb | 430 | 910 | f | 0 692 |
| SV-532-14 | 4/26/95 | lmb | 380 | 675 | f | 0 711 |
| SV-532-15 | 4/26/95 | lmb | 415 | 850 | f | 1 2 |
| SV-532-16 | 4/26/95 | lmb | 426 | 1025 | f | 2 34 |
| SV-532-17 | 4/26/95 | lmb | 395 | 780 | f | 2 |
| SV-532-18 | 4/26/95 | lmb | 415 | 850 | m | 5 13 |
| SV-532-19 | 4/26/95 | lmb | 390 | 725 | m | 0 836 |
| SV-532-20 | 4/26/95 | lmb | 390 | 700 | m | 3 52/3 05d |
| SV-532-21 | 4/26/95 | cc | 425 | 550 | f | 1 71 |
| SV-532-22 | 4/26/95 | cc | 410 | 600 | f | 0 389 |
| SV-532-23 | 4/26/95 | cc | 410 | 550 | m | 1 13 |
| SV-532-24 | 4/26/95 | cc | 400 | 500 | f | 1 25 |
| SV-532-25 | 4/26/95 | ts | 60-170 | 30t | u | 1 13 |
| SV-532-26 | 4/26/95 | gs | 305-350 | 1820t | u | 4 53 |
| SV-532-27 | 4/26/95 | bg | 100-142 | 205t | u | 0 431 |

lmb - Large Mouth Bass
 hb - Hybrid Bass
 cc - Channel Catfish
 ts - Threadfin Shad
 gs - Gizzard Shad
 bg - Bluegill

f - Female
 m - Male
 u - Unknown
 a - Combined Average
 t - Combined Total
 d - Duplicate

Table 1

**Schlumberger OU2 Fish Study
April 1995**

| Sample Number | Date | Species | Length (mm) | Weight (grams) | Sex | PCB Concentration (ug/g) |
|---------------|---------|---------|-------------|----------------|-----|--------------------------|
| SV-535-01 | 4/27/95 | lmb | 390 | 850 | f | 1 |
| SV-535-02 | 4/27/95 | lmb | 420 | 1150 | f | 1 75/1 45d |
| SV-535-03 | 4/27/95 | lmb | 340 | 650 | m | 0 639 |
| SV-535-04 | 4/27/95 | lmb | 425 | 875 | f | 1 15 |
| SV-535-05 | 4/27/95 | lmb | 380 | 700 | m | 0 629 |
| SV-535-06 | 4/27/95 | lmb | 375 | 700 | m | 1 24 |
| SV-535-07 | 4/27/95 | lmb | 370 | 700 | m | 0 676 |
| SV-535-08 | 4/27/95 | lmb | 360 | 800 | m | 0 801 |
| SV-535-09 | 4/27/95 | lmb | 365 | 740 | f | 0 463 |
| SV-535-10 | 4/27/95 | lmb | 400 | 1000 | f | 1 01 |
| SV-535-11 | 4/27/95 | hb | 535 | 1930 | f | 3 38 |
| SV-535-12 | 4/27/95 | hb | 495 | 1700 | f | 0 973 |
| SV-535-13 | 4/27/95 | hb | 460 | 1490 | f | 1 01 |
| SV-535-14 | 4/27/95 | hb | 465 | 1590 | f | 2 36 |
| SV-535-15 | 4/27/95 | hb | 460 | 1600 | f | 8 15 |
| SV-535-16 | 4/27/95 | hb | 525 | 1860 | f | 2 01 |
| SV-535-17 | 4/27/95 | hb | 550 | 2200 | m | 4 96/5 06d |
| SV-535-18 | 4/27/95 | hb | 535 | 1930 | f | 14 2 |
| SV-535-19 | 4/27/95 | hb | 465 | 1550 | f | 1 91 |
| SV-535-20 | 4/27/95 | hb | 495 | 1450 | m | 0 902 |
| SV-535-21 | 4/27/95 | cc | 430 | 800 | f | 0 684 |
| SV-535-22 | 4/27/95 | cc | 420 | 730 | f | <0 111 |
| SV-535-23 | 4/27/95 | cc | 470 | 1080 | f | 0 273/0 239d |
| SV-535-24 | 4/27/95 | cc | 455 | 1000 | f | 0 637 |

lmb - Large Mouth Bass
hb - Hybrid Bass
cc - Channel Catfish
ts - Threadfin Shad
gs - Gizzard Shad
bg - Bluegill

f - Female
m - Male
u - Unknown
a - Combined Average
t - Combined Total
d - Duplicate

Table 1

**Schlumberger OU2 Fish Study
April 1995**

| Sample Number | Date | Species | Length (mm) | Weight (grams) | Sex | PCB Concentration (ug/g) |
|---------------|---------|---------|-------------|----------------|-----|--------------------------|
| SV-641-01 | 4/28/95 | cc | 450 | 1000 | f | 0 381 |
| SV-641-02 | 4/28/95 | cc | 450 | 1000 | f | 0 166 |
| SV-641-03 | 4/28/95 | cc | 460 | 850 | f | 0 228 |
| SV-641-04 | 4/28/95 | cc | 440 | 825 | f | <0 109 |
| SV-641-05 | 4/28/95 | hb | 450 | 1345 | f | 0 341 |
| SV-641-06 | 4/28/95 | hb | 450 | 1250 | f | 0 787 |
| SV-641-07 | 4/28/95 | hb | 460 | 1380 | f | 0 616 |
| SV-641-08 | 4/28/95 | hb | 535 | 2250 | f | 1 25 |
| SV-641-09 | 4/28/95 | hb | 570 | 2340 | m | 7 77/7 49d |
| SV-641-10 | 4/28/95 | hb | 475 | 1375 | m | 2 25 |
| SV-641-11 | 4/28/95 | hb | 470 | 1310 | f | 3 77 |
| SV-641-12 | 4/28/95 | hb | 445 | 1290 | m | 4 44 |
| SV-641-13 | 4/28/95 | hb | 485 | 1520 | m | 7 82 |
| SV-641-14 | 4/28/95 | hb | 450 | 1425 | f | 0 882 |
| SV-641-15 | 4/28/95 | lmb | 375 | 650 | m | <0 11 |
| SV-641-16 | 4/28/95 | lmb | 380 | 675 | m | 0 137 |
| SV-641-17 | 4/28/95 | lmb | 355 | 600 | m | <0 105 |
| SV-641-18 | 4/28/95 | lmb | 350 | 600 | m | 0 143 |
| SV-641-19 | 4/28/95 | lmb | 350 | 605 | f | <0 107 |
| SV-641-20 | 4/28/95 | lmb | 385 | 720 | m | 0 184 |
| SV-641-21 | 4/28/95 | lmb | 400 | 785 | m | <0 11/0 146d |
| SV-641-22 | 4/28/95 | lmb | 400 | 860 | f | 0 171 |
| SV-641-23 | 4/28/95 | lmb | 400 | 885 | f | <0 099 |
| SV-641-24 | 4/28/95 | lmb | 360 | 630 | m | 0 165 |
| SV-641-25 | 4/28/95 | bg | 107-175 | 410t | u | <0 096 |
| SV-641-26 | 4/28/95 | ts | 80-90 | 40t | u | 0 181 |
| SV-641-27 | 4/28/95 | gs | 305-340 | 1780t | u | 0 99 |

lmb - Large Mouth Bass
 hb - Hybrid Bass
 cc - Channel Catfish
 ts - Threadfin Shad
 gs - Gizzard Shad
 bg - Bluegill

f - Female
 m - Male
 u - Unknown
 a - Combined Average
 t - Combined Total
 d - Duplicate

Table 1

**Schlumberger OU2 Fish Study
April 1995**

| Sample Number | Date | Species | Length (mm) | Weight (grams) | Sex | PCB Concentration (ug/g) |
|---------------|---------|---------|-------------|----------------|-----|--------------------------|
| SV-642-01 | 4/27/95 | lmb | 445 | 1100 | f | 0 516/0 576d |
| SV-642-02 | 4/27/95 | lmb | 430 | 1050 | f | 1 18 |
| SV-642-03 | 4/27/95 | lmb | 400 | 850 | m | 0 36 |
| SV-642-04 | 4/27/95 | lmb | 440 | 1050 | m | 0 501 |
| SV-642-05 | 4/27/95 | lmb | 385 | 730 | m | 0 181 |
| SV-642-06 | 4/27/95 | lmb | 445 | 1100 | m | 1 01 |
| SV-642-07 | 4/27/95 | lmb | 395 | 850 | m | 0 341 |
| SV-642-08 | 4/27/95 | lmb | 380 | 750 | m | 0 77 |
| SV-642-09 | 4/27/95 | lmb | 405 | 950 | f | 0 505 |
| SV-642-10 | 4/27/95 | lmb | 430 | 1050 | f | <0 108 |
| SV-642-11 | 4/28/95 | hb | 455 | 1430 | f | 4 5 |
| SV-642-12 | 4/28/95 | hb | 480 | 1700 | f | 8 83 |
| SV-642-13 | 4/28/95 | hb | 530 | 2200 | f | 7 77/7 76d |
| SV-642-14 | 4/28/95 | hb | 570 | 2400 | f | 15 5 |
| SV-642-15 | 4/28/95 | hb | 420 | 1500 | m | 5 47 |
| SV-642-16 | 4/28/95 | hb | 455 | 1380 | f | 0 963 |
| SV-642-17 | 4/28/95 | hb | 460 | 1480 | f | 2 44 |
| SV-642-18 | 4/28/95 | hb | 425 | 1400 | m | 3 63 |
| SV-642-19 | 4/28/95 | hb | 450 | 1350 | m | 8 3 |
| SV-642-20 | 4/28/95 | hb | 430 | 1325 | m | 0 414 |
| SV-642-21 | 4/28/95 | cc | 435 | 895 | f | 0 224 |
| SV-642-22 | 4/28/95 | cc | 415 | 645 | f | 0 251 |
| SV-642-23 | 4/28/95 | cc | 450 | 850 | f | 0 276 |
| SV-642-24 | 4/28/95 | cc | 500 | 1200 | f | 0 685/0 599d |

lmb - Large Mouth Bass
 hb - Hybrid Bass
 cc - Channel Catfish
 ts - Threadfin Shad
 gs - Gizzard Shad
 bg - Bluegill

f - Female
 m - Male
 u - Unknown
 a - Combined Average
 t - Combined Total
 d - Duplicate

Table 2

1995 Lake Hartwell OU2 Fish Study
Total PCB Concentrations (ppm) in Largemouth Bass Fillets

| Replicate Number | Sample | | | | | |
|------------------|-------------|-------------|------------|-------------|--------------|-------------|
| | SV-107 | SV-106 | SV-532 | SV-535 | SV-641 | SV-642 |
| 01 | 5.84 | 1.73 | 2.27 | 1.0 | <0.11* | 0.516 |
| 02 | 1.16 | 2.83 | 0.616 | 1.75/1.45d | 0.137 | 1.18 |
| 03 | 3.78 | 4.84 | 0.692 | 0.639 | <0.105* | 0.36 |
| 04 | 3.69 | 4.28 | 0.711 | 1.15 | 0.143 | 0.501 |
| 05 | 3.02 | 2.96 | 1.2 | 0.629 | <0.107* | 0.181 |
| 06 | 2.81 | 4.14 | 2.34 | 1.24 | 0.184 | 1.01 |
| 07 | 1.81 | 0.79 | 2 | 0.676 | 0.11*/0.146 | 0.341 |
| 08 | 5.67/6.11d | 5.72 | 5.13 | 0.801 | 0.171 | 0.77 |
| 09 | 2.2 | <0.102* | 0.836 | 0.463 | <0.099* | 0.505 |
| 10 | 3.12 | 3.69 | 3.52/3.05d | 1.01 | 0.165 | <0.108* |
| Mean | 3.33 | 3.09 | 1.9 | 0.92 | 0.11 | 0.54 |
| Std. Dev. | 1.56 | 1.8 | 1.4 | 0.35 | 0.056 | 0.35 |

*One half of the detection limit is used for the averaging value

d = duplicate

Largemouth Bass

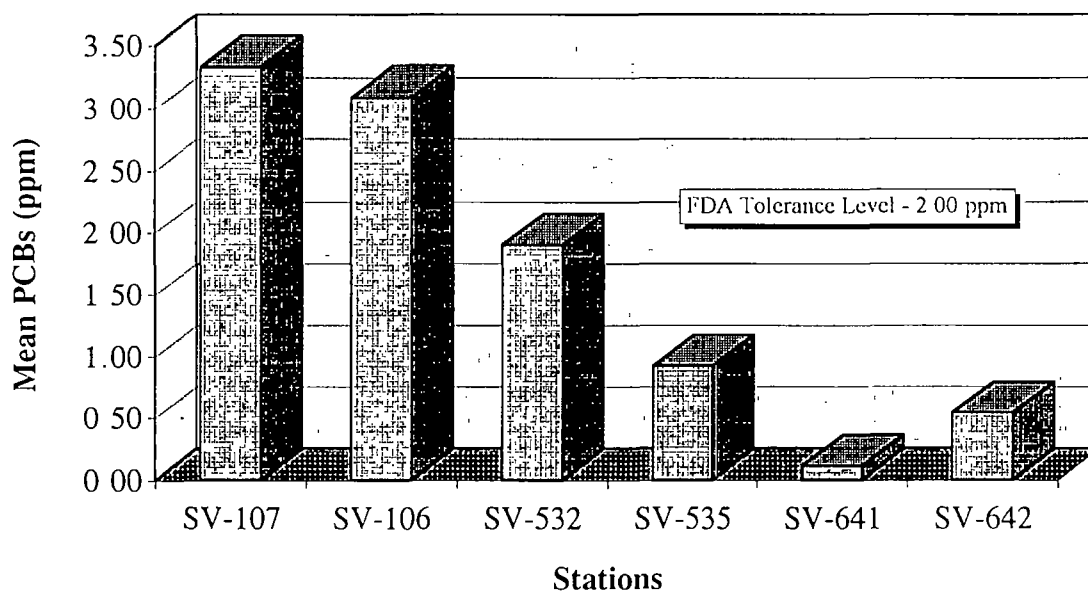


Table 3

1995 Lake Hartwell OU2 Fish Study
Total PCB Concentrations (ppm) in Hybrid Bass Fillets

| Replicate Number | Sample | | | | | |
|------------------|------------|------------|------------|------------|------------|------------|
| | SV-107 | SV-106 | SV-532 | SV-535 | SV-641 | SV-642 |
| 01 | 3.45 | 3.99 | 2.36 | 3.4 | 0.341 | 4.5 |
| 02 | 1.34 | 8.89 | 2.45 | 0.973 | 0.787 | 8.83 |
| 03 | 5.83 | 1.77 | 2.32 | 1.01 | 0.616 | 7.77/7.76d |
| 04 | 1.48 | 6.18 | 2.92 | 2.36 | 1.25 | 15.5 |
| 05 | 0.74 | 6.24/6.95d | 2.13 | 8.15 | 7.77/7.49d | 5.47 |
| 06 | 3.7 | 10.1 | 1.1 | 2.01 | 2.25 | 0.963 |
| 07 | 1.94 | 0.87 | 2.65 | 4.96/5.06d | 3.77 | 2.44 |
| 08 | 1.44 | 4.54 | 5.71 | 14.2 | 4.44 | 3.63 |
| 09 | 0.686 | 5.41 | 3.81 | 1.91 | 7.82 | 8.3 |
| 10 | 1.37/1.64d | 7.41 | 3.12/3.08d | 0.902 | 0.882 | 0.414 |
| Mean | 2.21 | 5.2 | 2.86 | 3.99 | 2.98 | 5.78 |
| Std. Dev. | 1.63 | 3.3 | 1.22 | 4.23 | 2.85 | 4.52 |

d = duplicate

Hybrid Bass

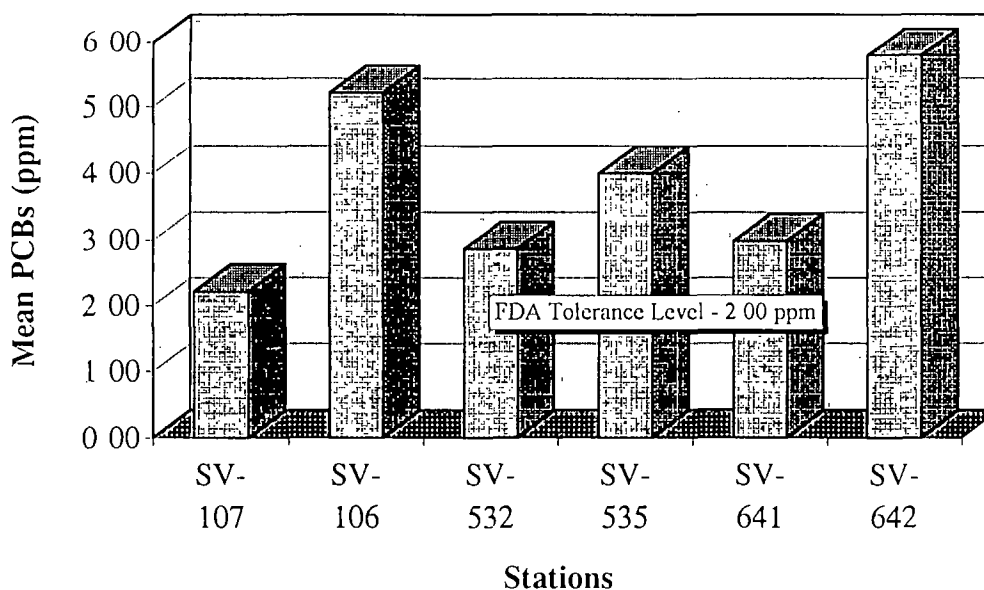


Table 4

1995 Lake Hartwell OU2 Fish Study
Total PCB Concentrations (ppm) in Channel Catfish Fillets

| Replicate Number | Station | | | | | |
|------------------|---------|--------|--------|--------------|--------|--------------|
| | SV-107 | SV-106 | SV-532 | SV-535 | SV-641 | SV-642 |
| 01 | 2.03 | 1.99 | 1.71 | 0.7 | 0.381 | 0.224 |
| 02 | 2.49 | 1.66 | 0.389 | <0.111 | 0.166 | 0.251 |
| 03 | 4.0 | 1.37 | 1.13 | 0.273/0.239d | 0.228 | 0.276 |
| 04 | 1.28 | 1.03 | 1.25 | 0.637 | <0.109 | 0.685/0.599d |
| Mean | 2.45 | 1.51 | 1.12 | 0.41 | 0.21 | 0.35 |
| Std. Dev. | 1.15 | 0.41 | 0.55 | 0.3 | 0.14 | 0.20 |

d = duplicate

Channel Catfish

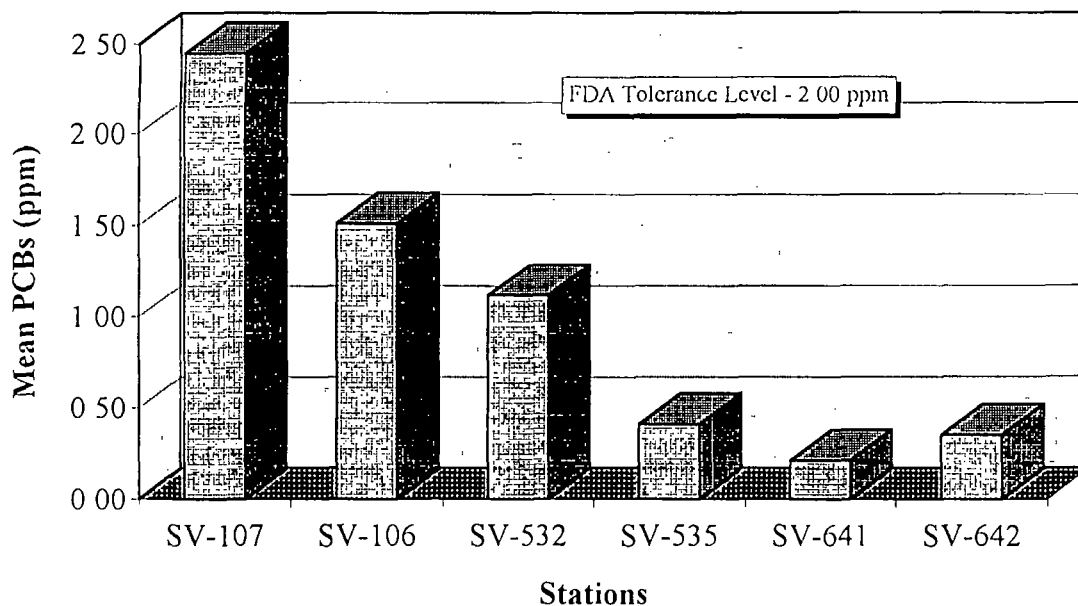


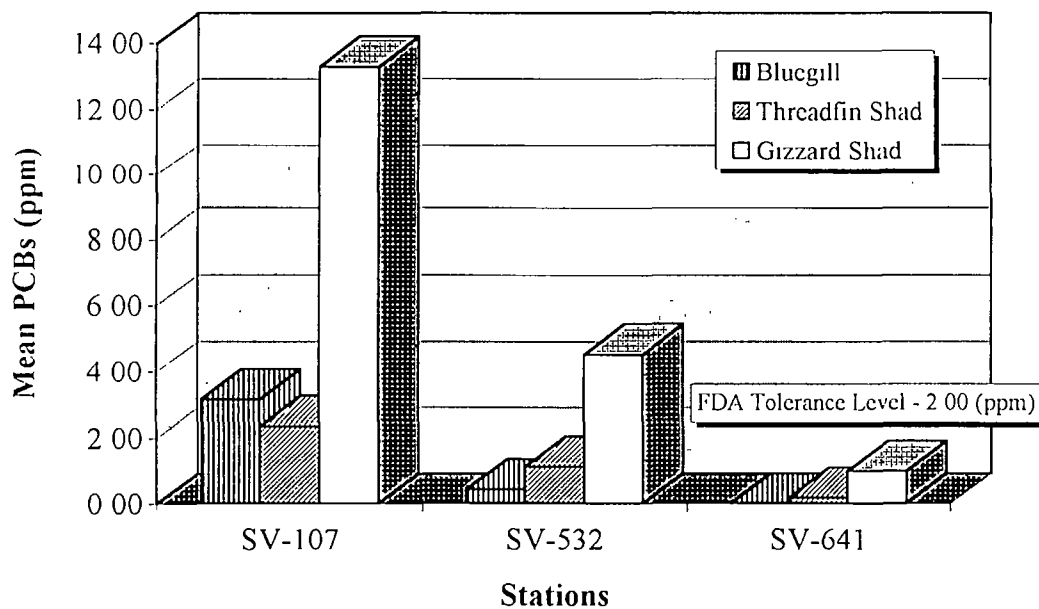
Table 5

**1995 Lake Hartwell OU2 Fish Study
Total PCB Concentrations (ppm) in Bluegill, Threadfin Shad,
and Gizzard Shad Composites**

| Species Composite | Station | | | | | |
|-------------------|---------|--------|--------|--------|--------|--------|
| | SV-107 | SV-106 | SV-532 | SV-535 | SV-641 | SV-642 |
| Bluegill | 3 15 | NA | 0 431 | NA | <0 096 | NA |
| Threadfin Shad | 2 35 | NA | 1 13 | NA | 0 181 | NA |
| Gizzard Shad | 13 3 | NA | 4 53 | NA | 0 99 | NA |

d = duplicate

Bluegill, Threadfin Shad, and Gizzard Shad



Largemouth Bass

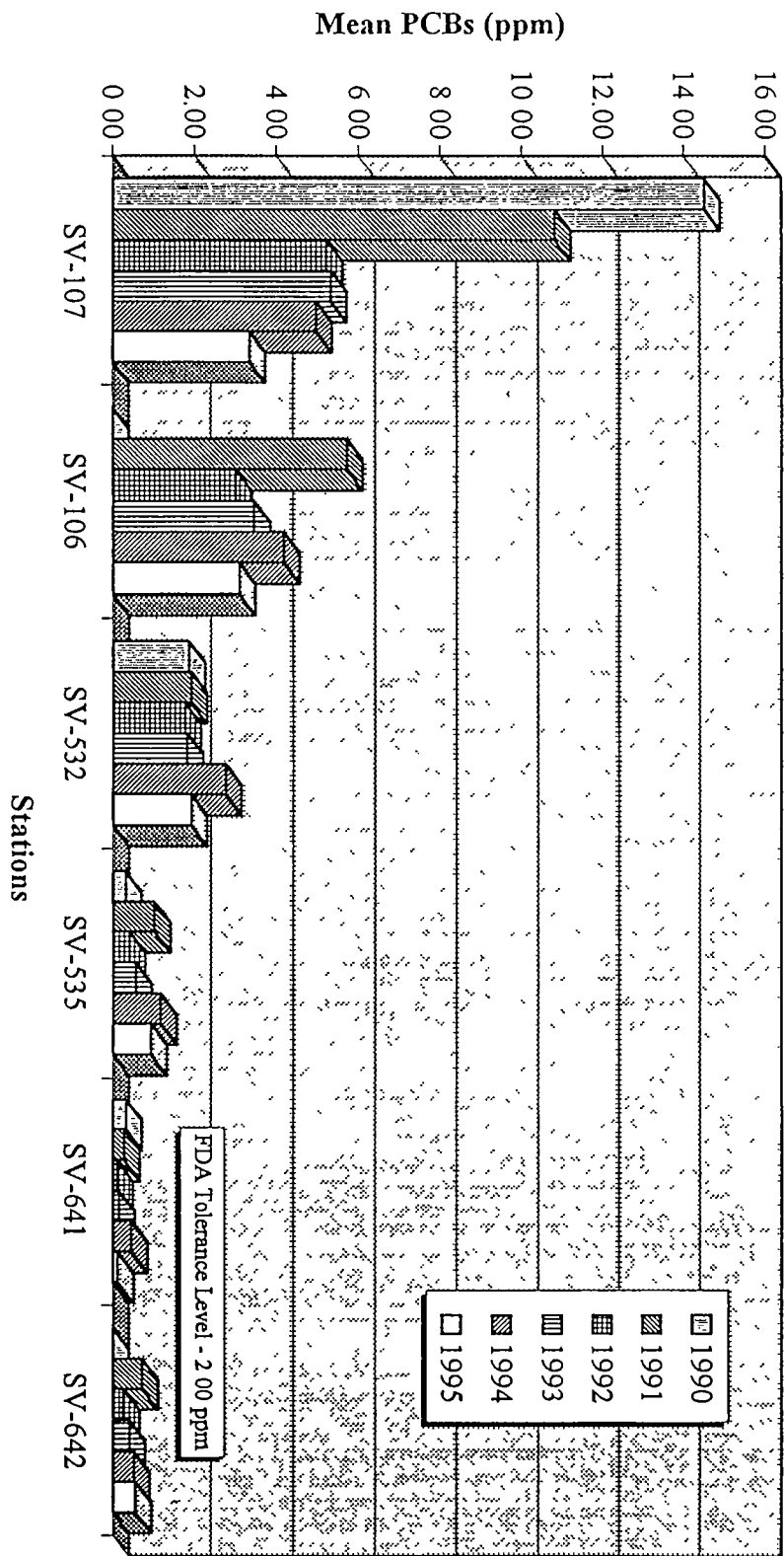


Figure 4
PCB Concentrations in Largemouth Bass Fillets (1990-1995)

Hybrid Bass

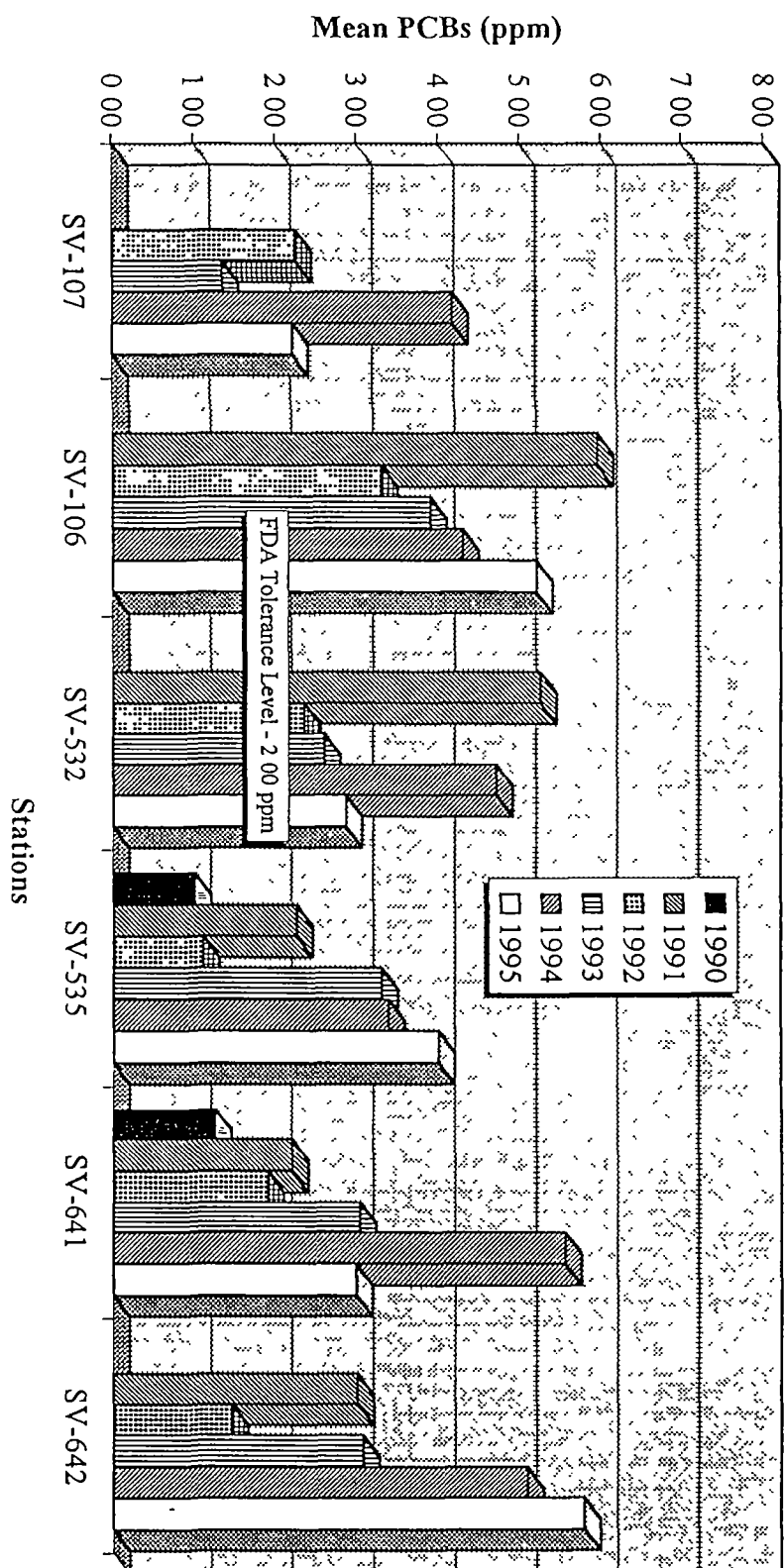


Figure 5
PCB Concentrations in Hybrid Bass Fillets (1990-1995)

Channel Catfish

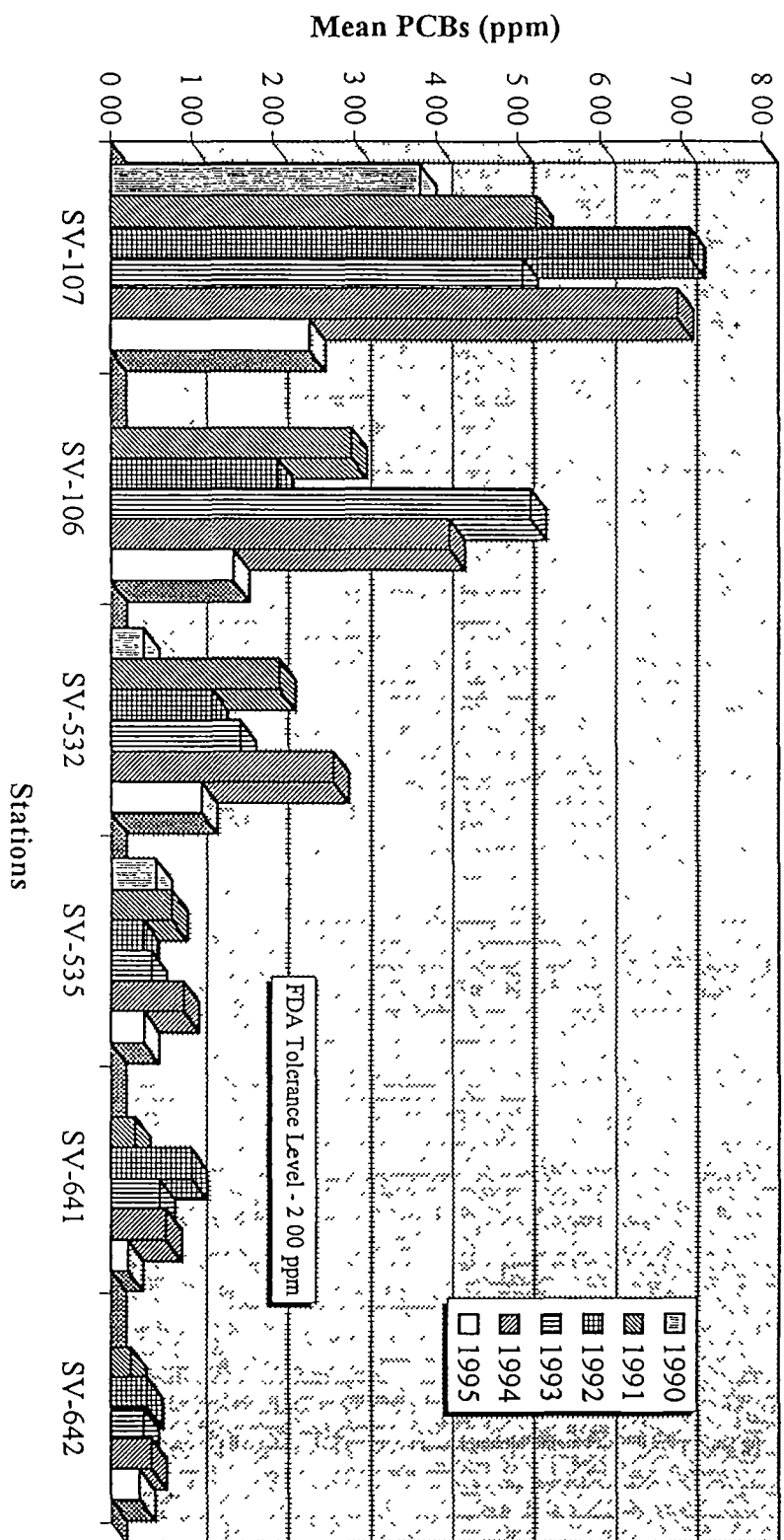


Figure 6
PCB Concentrations in Channel Catfish Fillets (1990-1995)

(where concentrations are generally below 2.0 ppm) while consistently lower concentrations of PCBs are detected at SV-107 and SV-106 from 1990 to present.

The data base for hybrid bass does not include all years for all stations for the period 1990 through 1995 due to difficulties in collecting this species. Hybrid bass were collected at all locations during 1995. The PCB concentrations tend to indicate that the trend of PCB reduction indicated by largemouth bass on a localized basis is not evidenced by hybrid bass. The data indicate that PCB concentrations appear to be randomly scattered by date and location. The degree of scatter in these data is attributed to the wide migratory movements of the hybrid bass which expose them to all areas of the lake.

The annual trends in PCB concentration in catfish filets are similar to those of the largemouth bass in that the 2.0 ppm FDA tolerance level is not exceeded at the lowest three stations. In addition, the 2.0 ppm level is exceeded only twice at station SV-532. The concentrations detected at SV-107 and SV-106 tend to indicate somewhat of an increase during 1992-1994, however, the 1995 data indicate a general trend of PCB reductions in catfish filets lakewide.

In addition to the fish tissue data, sediment data are summarized in Table 6 for the 20 samples collected in May 1995. See Attachment II for individual analysis. Sediment values range from 23.3 ppm collected at the most downstream sample point in the Twelve Mile Creek Arm prior to its confluence with the Keowee River to nondetected levels near the Lake Hartwell Dam and Tugaloo River Arm. The concentrations generally decrease in an upstream direction from the 23.3 ppm detected to a concentration of 0.943 ppm near Maw Bridge. The concentrations in Twelve Mile Creek upstream of Lake Hartwell range from <0.118 ppm to 2.32 ppm, with 0.821 ppm detected directly downstream of the Sangamo Weston outfall. The PCB concentration also declines in a downstream direction from the maximum value in the Twelve Mile Arm to concentrations <0.5 ppm near the dam and in the Tugaloo River Arm. In addition to the total PCB values given in Table 6, the various PCB Aroclors are identified for each sample. Aroclors identified in the sediment, in descending order of concentration and occurrence include 1232, 1254 and 1248. Aroclors 1260, 1242, 1221, and 1016 were not detected in the sediment. The TOC values for all sediment samples ranged from 0.07 to 1.2 ppm. There does not appear to be a correlation between TOC and PCB concentration with the majority of TOC concentrations ranging from 0.5 to 1.2 ppm.

4.0

DISCUSSION

The 1995 Fish Tissue Study results indicate that PCB concentration is generally lower with increased distance from the Twelve Mile Arm of Lake Hartwell in largemouth bass, catfish and forage fish and is decreasing with time. This trend is

Table 6

Lake Hartwell OU2 Sediment Sampling Results
May 1995

| Sample Number | Date Sampled | Total Organic Carbon - mg/l | Aroclor Identification- ug/g | | | | | | | | Total PCB - ug/g |
|---------------|--------------|-----------------------------|------------------------------|--------|--------|--------|--------|--------|--------|--------|------------------|
| | | | 1016 | 1221 | 1232 | 1242 | 1248 | 1254 | 1260 | | |
| SD001 | 5/9/95 | 0.07 | <0.118 | <0.118 | <0.118 | <0.118 | 0.501 | 0.320 | <0.118 | 0.821 | |
| SD002 | 5/9/95 | 0.92 | <0.166 | <0.166 | <0.166 | <0.166 | 1.43 | 0.887 | <0.166 | 2.32 | |
| SD003 | 5/9/95 | 0.20 | <0.118 | <0.118 | <0.118 | <0.118 | <0.118 | <0.118 | <0.118 | <0.118 | |
| SD004 | 5/9/95 | 1.11 | <0.114 | <0.114 | 0.373 | <0.114 | 0.786 | 0.376 | <0.114 | 1.54 | |
| SD005 | 5/9/95 | 0.56 | <0.124 | <0.124 | 0.151 | <0.124 | 0.222 | 0.149 | <0.124 | 0.522 | |
| SD006 | 5/9/95 | 0.42 | <0.126 | <0.126 | 0.739 | <0.126 | <0.126 | 0.204 | <0.126 | 0.943 | |
| SD007 | 5/9/95 | 0.41 | <0.120 | <0.120 | 1.30 | <0.120 | <0.120 | 0.277 | <0.120 | 1.58 | |
| SD008 | 5/9/95 | 1.07 | <0.164 | <0.164 | 1.97 | <0.164 | <0.164 | 1.12 | <0.164 | 3.09 | |
| SD008 (dup) | 5/9/95 | 1.10 | <0.162 | <0.162 | 1.91 | <0.162 | <0.162 | 1.13 | <0.162 | 3.04 | |
| SD009 | 5/9/95 | 1.08 | <0.196 | <0.196 | 2.36 | <0.196 | <0.196 | 1.30 | <0.196 | 3.66 | |
| SD010 | 5/9/95 | 1.20 | <0.657 | <0.657 | 7.06 | <0.657 | <0.657 | 1.50 | <0.657 | 8.56 | |
| SD011 | 5/9/95 | 1.10 | <0.970 | <0.970 | 14.8 | <0.970 | <0.970 | 2.21 | <0.970 | 16.0 | |
| SD012 | 5/9/95 | 0.54 | <0.812 | <0.812 | 9.37 | <0.812 | <0.812 | 1.32 | <0.812 | 10.7 | |
| SD012 (dup) | 5/9/95 | 1.04 | <0.768 | <0.768 | 11.6 | <0.768 | <0.768 | 1.69 | <0.768 | 13.3 | |
| SD013 | 5/8/95 | 0.93 | <1.03 | <1.03 | 20.9 | <1.03 | <1.03 | 2.42 | <1.03 | 23.3 | |
| SD014 | 5/8/95 | 0.73 | <0.306 | <0.306 | 1.35 | <0.306 | <0.306 | 0.347 | <0.306 | 1.70 | |
| SD015 | 5/8/95 | 0.77 | <0.371 | <0.371 | <0.371 | <0.371 | <0.371 | 0.678 | <0.371 | 0.678 | |
| SD106 | 5/8/95 | 0.90 | <0.307 | <0.307 | 6.76 | <0.307 | <0.307 | 2.16 | <0.307 | 8.92 | |
| SD532 | 5/9/95 | 0.82 | <0.292 | <0.292 | 0.356 | <0.292 | <0.292 | 0.222 | <0.292 | 0.578 | |
| SD535 | 5/9/95 | 0.74 | <0.282 | <0.282 | <0.282 | <0.282 | 1.39 | 0.444 | <0.282 | 1.83 | |
| SD641 | 5/10/95 | 0.78 | <0.258 | <0.258 | <0.258 | <0.258 | <0.258 | <0.258 | <0.258 | <0.258 | |
| SD642 | 5/9/95 | 0.78 | <0.481 | <0.481 | <0.481 | <0.481 | <0.481 | <0.481 | <0.481 | <0.481 | |

not true with hybrid bass which appear to migrate throughout the lake and have varying levels of PCBs between individual fish and sample locations. Forage fish also appear to have localized levels of contamination similar to largemouth bass and channel catfish with the highest PCB concentrations found in the Twelve Mile Creek Arm. The 1995 fish results indicate a reduction in the PCB concentrations in largemouth bass and channel catfish at most stations from the period 1990 through 1995. Stations where the PCB concentrations in largemouth bass or catfish has been less than 2.0 ppm for this period are SV-532, SV-535, SV-641 and SV-642. The PCB concentrations in hybrid bass exceed the 2.0 ppm FDA limit at all stations in 1995, which confirms their migratory patterns (which includes all areas of Lake Hartwell). Typically, the PCB concentration is lowest at SV-107 which may be attributed to the generally lower amount of time fish are believed to utilize this area as determined by the historic difficulty in sample collection of hybrid bass at this location.

The results of the sediment analysis indicate that PCB concentrations in surficial sediments are highest in the area of the lower Twelve Mile Creek Arm of Lake Hartwell. The 1995 results were compared to the historic values discussed in the 1993 RI Report. The concentration of PCBs has decreased significantly in the upper Twelve Mile Creek area, particularly Town Creek, indicating a flushing of this area. Concentrations detected in Twelve Mile Creek and in tributaries below Town Creek are similar to the historic values. In the lower Twelve Mile Creek area the PCB concentrations generally range from 20 to 0.5 ppm which is also similar to historic findings. The Upper Twelve Mile Creek Arm includes approximately the upper four miles of impounded waters of Lake Hartwell. This is one of the most heavily sampled areas of the lake to date. The concentration of the five surface sediment composite samples of this area ranged from 0.943 ppm to 8.46 ppm. These values are generally less than those reported by the State and EPA from 1976 through 1985, which ranged from 1.7 ppm to 48.0 ppm. More recent studies by Germann (1988) indicated PCB surface sediment concentrations ranging from 5 to 50 ppm for this area. The 1995 data indicate that the PCB concentration in surficial sediments of the Upper Twelve Mile Creek Arm are reduced from historic levels.

The Middle Twelve Mile Creek Arm extends from Maw Bridge to the Highway 133 bridge. Two samples were collected in the area during the 1995 survey with values of 10.7 and 16.0 ppm PCBs detected. Historic samples have ranged in PCB concentration from 0.84 to 64.3 ppm from 1986 through 1988. The Phase I and II sampling of 1991 indicated concentrations ranging from 0.16 to 6.48 ppm in 45 samples. The 1991 data indicate that the 1995 concentrations in this area are somewhat higher, however, this is confirmed by only the two samples. The increase in PCBs in this area of the lake, however, may correspond with lower concentrations upstream.

The lower Twelve Mile Creek Arm (Highway 133 to Highway 123) is represented by one sample in the 1995 study where the highest concentration of PCBs was detected (23.3 ppm). Historic samples in this location range in concentration from 0.39 to 55.62 ppm with a maximum of 12.03 ppm detected in 1977 and 55.62 ppm in 1985. The Phase I and II data of 1991 indicate concentrations ranging from 0.16 to 11.51 ppm which indicates a similar phenomena of downstream migration and settling as observed in the Middle Twelve Mile Creek Arm.

The Seneca River Arm/Upper Hartwell Lake area (Highway 123 to Highway 37) was sampled in 1995 at two locations, one near the upper end and the second at the lower end of this reach, with concentrations of 7.1 ppm and 0.678 ppm, respectively. Historic sampling indicates that concentrations ranged from 0.01 to 14.26 ppm while Phase I and II sampling indicated ranges of concentration from 0.04 to 5.26 ppm. The PCB concentration in this area of the lake appears to have steadily decreased since the beginning of the historic sampling.

Sediment sampling in the lower section of Lake Hartwell included five stations which correspond to the fish sampling locations SV-106, SV-532, SV-535, SV-641 and SV-642. The PCB concentrations ranged from 8.92 ppm at SV-106 to <0.281 ppm in the Tugaloo River Arm. The historic sampling data do not appear to reflect many locations which correspond to the above locations. Specific locations include SV-106, which was sampled by SCDHEC in 1976. The range of concentrations determined in 1976 at SV-106 was 0.01 to 6.59 ppm, with concentrations ranging from 0.15 to 1.74 ppm during the 1991 Phase I study.

Similar to Phase I sampling, 1991, PCBs were detected below levels of detection in the Tugaloo River Arm in 1995 (<0.258 ppm). However, the concentration detected at SV-535 (confluence of the Seneca and Tugaloo River Arms) was higher in the 1995 study (1.83 ppm) than in 1991 where a maximum value of 0.52 ppm was detected. The concentration of PCBs at Hartwell Dam (SV-641) has been detected as high as 15 ppm in the mid 1980s. However, during both 1991 and 1995, the PCB concentrations have been below 1 ppm.

5.0

DATA QUALITY

Samples of fish tissue and sediment were analyzed for PCBs. The analytical method used was EPA SW-846, Method 8080. Samples were collected from April 25 to May 9, 1995. Analyses were performed by Northeast Analytical from May 19 to June 19, 1995. Quality assurance samples were collected in the field and submitted to analysis. Quality assurance samples collected in the field include field prepared duplicates for sediment at the rate of one per ten samples collected, equipment rinsate, and field blanks. Duplicates of fish tissue were split. All samples were delivered overnight to the laboratory under chain of custody by

Federal Express. All chain of custody records were found to be complete. Sample preservation requirements for PCB analysis are to maintain the sample at a temperature of 4° C or less. During this sampling event fish tissue samples were frozen using dry ice prior to transport, and sediment and water samples were cooled using water ice prior to shipping. All sample shipments received by the laboratory were at an acceptable temperature with the exception of that the sample cooler that contained the equipment rinsates and field blanks which were received at a temperature of 10° C.

EPA and SCDHEC require that samples to be analyzed for PCBs be extracted within 365-days following collection if frozen and analyzed within 40 days following extraction. No samples were found to exceed the allowable holding time.

The six Aroclors specified as reportable using method 8080 were reported for each sample analyzed. The practical quantitation limit (PQL) was specified for each Aroclor and sample combination. The PQLs had a considerable range from 0.095 to 2.18 mg/kg for fish tissue and 0.114 to 1.113 mg/kg for sediments. The PQLs specified above are within the same range as the estimated quantitation limit (EQL) for high concentration soils and sludges referenced in Method 8080.

PCBs were not present in any of the equipment rinsates or trip blanks at a PQL of 0.05 ug/L. This PQL is less than the Method 8080 EQL of 0.065 ug/L. This indicates the presence of PCBs was not due to equipment contamination.

Two sediment and fourteen fish tissue samples were submitted in duplicate for analysis. The results indicate very good precision for the combined sample collection and analysis procedure. There is no guideline for an acceptable level of precision for the combined sample collection and analysis of duplicate samples for PCBs, but the relative precision of all duplicate samples tested was less than 25%, which indicates good precision.

Laboratory quality control procedures include the addition of surrogate standards prior to analysis, the analysis of a duplicate and matrix spike on selected samples, and the analysis of method blanks.

In accordance with Method 8080 procedures two surrogate standards were incorporated into all samples analyzed. The percent recovery of these surrogates ranged between 63% and 116% (the great majority of recoveries were between 85% and 110%). There are no numerical recovery goals established for these surrogates, however, the recoveries of the surrogate standards are within the recovery range specified in Method 8080 for PCBs.

Laboratory duplicates were prepared and analyzed on 14 samples. The percent differences for total PCBs ranged between 1.03% and 18.8%. The agreement between these values is quite good and is indicative of good precision in the data.

Laboratory matrix spike samples were prepared and analyzed on the same 14 samples. The percent recoveries for total PCBs ranged between 87% and 114%. These recoveries are most favorable as compared to the recoveries referenced in Method 8080 and are indicative of good accuracy in the data.

A total of 12 laboratory method blanks were analyzed. PCBs were not detected in any method blank. The maximum PQLs for the method blanks were 0.05 ug/L for water samples and 0.11 mg/kg for solid samples.

ATTACHMENT I

*Fish Analytical Data
Lake Hartwell
April 1995*

1.A Station SV-107

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 19, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-01

NEA ID: 953304

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.175 |
| AROCLOR 1221 | < 0.175 |
| AROCLOR 1232 | < 0.175 |
| AROCLOR 1242 | < 0.175 |
| AROCLOR 1248 | < 0.175 |
| AROCLOR 1254 | 3.45 |
| AROCLOR 1260 | < 0.175 |
| TOTAL PCB RESULTS > PQL | 3.45 |

Northeast Analytical, Inc.

William A. Wagner FOR REW

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-02

NEA ID: 953305

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

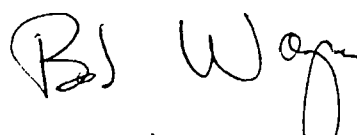
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.178 |
| AROCLOR 1221 | < 0.178 |
| AROCLOR 1232 | < 0.178 |
| AROCLOR 1242 | < 0.178 |
| AROCLOR 1248 | < 0.178 |
| AROCLOR 1254 | 1.34 |
| AROCLOR 1260 | < 0.178 |
| TOTAL PCB RESULTS > PQL | 1.34 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

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301 Nott Street, Schenectady, NY 12305
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CERTIFICATE OF ANALYSIS
MAY 19, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-03 NEA ID: 953306
SAMPLE MATRIX: FISH DATE SAMPLED: 04/25/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/16/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.406 |
| AROCLOR 1221 | < 0.406 |
| AROCLOR 1232 | < 0.406 |
| AROCLOR 1242 | < 0.406 |
| AROCLOR 1248 | < 0.406 |
| AROCLOR 1254 | 5.84 |
| AROCLOR 1260 | < 0.406 |
| TOTAL PCB RESULTS > PQL | 5.84 |

Northeast Analytical, Inc.

William A. Wagner FOR REW
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CERTIFICATE OF ANALYSIS MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-04

NEA ID: 953307

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/g} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.180 |
| AROCLOR 1221 | < 0.180 |
| AROCLOR 1232 | < 0.180 |
| AROCLOR 1242 | < 0.180 |
| AROCLOR 1248 | < 0.180 |
| AROCLOR 1254 | 1.16 |
| AROCLOR 1260 | < 0.180 |
| TOTAL PCB RESULTS > PQL | 1.16 |

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MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-05 NEA ID: 953308
SAMPLE MATRIX: FISH DATE SAMPLED: 04/25/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/18/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.426 |
| AROCLOR 1221 | < 0.426 |
| AROCLOR 1232 | < 0.426 |
| AROCLOR 1242 | < 0.426 |
| AROCLOR 1248 | < 0.426 |
| AROCLOR 1254 | 3.78 |
| AROCLOR 1260 | < 0.426 |
| TOTAL PCB RESULTS > PQL | 3.78 |

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Laboratory Director

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MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-06

NEA ID: 953309

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.287 |
| AROCLOR 1221 | < 0.287 |
| AROCLOR 1232 | < 0.287 |
| AROCLOR 1242 | < 0.287 |
| AROCLOR 1248 | < 0.287 |
| AROCLOR 1254 | 2.03 |
| AROCLOR 1260 | < 0.287 |
| TOTAL PCB RESULTS > PQL | 2 03 |

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-07 NEA ID: 953310
SAMPLE MATRIX: FISH DATE SAMPLED: 04/25/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/24/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.211 |
| AROCLOR 1221 | < 0.211 |
| AROCLOR 1232 | < 0.211 |
| AROCLOR 1242 | < 0.211 |
| AROCLOR 1248 | < 0.211 |
| AROCLOR 1254 | 2.49 |
| AROCLOR 1260 | < 0.211 |
| TOTAL PCB RESULTS > PQL | 2.49 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS
MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-08

NEA ID: 953311

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.308 |
| AROCLOR 1221 | < 0.308 |
| AROCLOR 1232 | < 0.308 |
| AROCLOR 1242 | < 0.308 |
| AROCLOR 1248 | < 0.308 |
| AROCLOR 1254 | 3.15 |
| AROCLOR 1260 | < 0.308 |
| TOTAL PCB RESULTS > PQL | 3.15 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-09 NEA ID: 953312
SAMPLE MATRIX: FISH DATE SAMPLED: 04/25/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 06/10/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { μ g/g} |
|-------------------------|--------------------------------|
| AROCLOR 1016 | < 1.77 |
| AROCLOR 1221 | < 1.77 |
| AROCLOR 1232 | < 1.77 |
| AROCLOR 1242 | < 1.77 |
| AROCLOR 1248 | < 1.77 |
| AROCLOR 1254 | 13.3 |
| AROCLOR 1260 | < 1.77 |
| TOTAL PCB RESULTS > PQL | 13.3 |

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MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-10

NEA ID: 953313

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { μ g/g} |
|-------------------------|--------------------------------|
| AROCLOR 1016 | < 0.317 |
| AROCLOR 1221 | < 0.317 |
| AROCLOR 1232 | < 0.317 |
| AROCLOR 1242 | < 0.317 |
| AROCLOR 1248 | < 0.317 |
| AROCLOR 1254 | 2.35 |
| AROCLOR 1260 | < 0.317 |
| TOTAL PCB RESULTS > PQL | 2.35 |

Northeast Analytical, Inc.

Robert E. Wagner

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MAY 22, 1995

ERM SOUTHEAST, INC.

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BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-11

NEA ID: 953314

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.420 |
| AROCLOR 1221 | < 0.420 |
| AROCLOR 1232 | < 0.420 |
| AROCLOR 1242 | < 0.420 |
| AROCLOR 1248 | < 0.420 |
| AROCLOR 1254 | 3.69 |
| AROCLOR 1260 | < 0.420 |
| TOTAL PCB RESULTS > PQL | 3.69 |

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MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-12 NEA ID: 953315
SAMPLE MATRIX: FISH DATE SAMPLED: 04/25/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/18/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.304 |
| AROCLOR 1221 | < 0.304 |
| AROCLOR 1232 | < 0.304 |
| AROCLOR 1242 | < 0.304 |
| AROCLOR 1248 | < 0.304 |
| AROCLOR 1254 | 3.02 |
| AROCLOR 1260 | < 0.304 |
| TOTAL PCB RESULTS > PQL | 3.02 |

Northeast Analytical, Inc.



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MAY 19, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-13

NEA ID: 953316

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.282 |
| AROCLOR 1221 | < 0.282 |
| AROCLOR 1232 | < 0.282 |
| AROCLOR 1242 | < 0.282 |
| AROCLOR 1248 | < 0.282 |
| AROCLOR 1254 | 2.81 |
| AROCLOR 1260 | < 0.282 |
| TOTAL PCB RESULTS > PQL | 2.81 |

Northeast Analytical, Inc.

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-14

NEA ID: 953317

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.098 |
| AROCLOR 1221 | < 0.098 |
| AROCLOR 1232 | < 0.098 |
| AROCLOR 1242 | < 0.098 |
| AROCLOR 1248 | < 0.098 |
| AROCLOR 1254 | 1.81 |
| AROCLOR 1260 | < 0.098 |
| TOTAL PCB RESULTS > PQL | 1.81 |

Northeast Analytical, Inc.

Robert E. Wagner

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MAY 22, 1995

ERM SOUTHEAST, INC.

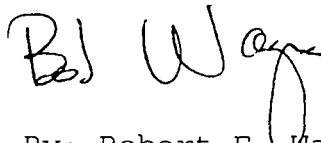
214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-15 NEA ID: 953318
SAMPLE MATRIX: FISH DATE SAMPLED: 04/25/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/18/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/g} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.514 |
| AROCLOR 1221 | < 0.514 |
| AROCLOR 1232 | < 0.514 |
| AROCLOR 1242 | < 0.514 |
| AROCLOR 1248 | < 0.514 |
| AROCLOR 1254 | 5.67 |
| AROCLOR 1260 | < 0.514 |
| TOTAL PCB RESULTS > PQL | 5.67 |

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CERTIFICATE OF ANALYSIS
MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-15 DUPLICATE NEA ID: 953318D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/25/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/18/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.507 |
| AROCLOR 1221 | < 0.507 |
| AROCLOR 1232 | < 0.507 |
| AROCLOR 1242 | < 0.507 |
| AROCLOR 1248 | < 0.507 |
| AROCLOR 1254 | 6.11 |
| AROCLOR 1260 | < 0.507 |
| TOTAL PCB RESULTS > PQL | 6.11 |

Northeast Analytical, Inc.

Robert E. Wagner

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Laboratory Director

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CERTIFICATE OF ANALYSIS
MAY 19, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-16

NEA ID: 953319

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.186 |
| AROCLOR 1221 | < 0.186 |
| AROCLOR 1232 | < 0.186 |
| AROCLOR 1242 | < 0.186 |
| AROCLOR 1248 | < 0.186 |
| AROCLOR 1254 | 2.20 |
| AROCLOR 1260 | < 0.186 |
| TOTAL PCB RESULTS > PQL | 2.20 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-17

NEA ID: 953320

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/11/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.376 |
| AROCLOR 1221 | < 0.376 |
| AROCLOR 1232 | < 0.376 |
| AROCLOR 1242 | < 0.376 |
| AROCLOR 1248 | < 0.376 |
| AROCLOR 1254 | 3.12 |
| AROCLOR 1260 | < 0.376 |
| TOTAL PCB RESULTS > PQL | 3.12 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS
JUNE 20, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-18

NEA ID: 953321

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.667 |
| AROCLOR 1221 | < 0.667 |
| AROCLOR 1232 | < 0.667 |
| AROCLOR 1242 | < 0.667 |
| AROCLOR 1248 | < 0.667 |
| AROCLOR 1254 | 5.83 |
| AROCLOR 1260 | < 0.667 |
| TOTAL PCB RESULTS > PQL | 5.83 |

Northeast Analytical, Inc.



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NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

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(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 20, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-19

NEA ID: 953322

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

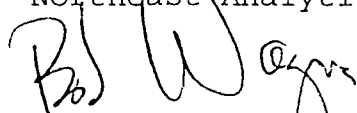
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.207 |
| AROCLOR 1221 | < 0.207 |
| AROCLOR 1232 | < 0.207 |
| AROCLOR 1242 | < 0.207 |
| AROCLOR 1248 | < 0.207 |
| AROCLOR 1254 | 1.48 |
| AROCLOR 1260 | < 0.207 |
| TOTAL PCB RESULTS > PQL | 1.48 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 19, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-20

NEA ID: 953323

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.095 |
| AROCLOR 1221 | < 0.095 |
| AROCLOR 1232 | < 0.095 |
| AROCLOR 1242 | < 0.095 |
| AROCLOR 1248 | < 0.095 |
| AROCLOR 1254 | 0.740 |
| AROCLOR 1260 | < 0.095 |
| TOTAL PCB RESULTS > PQL | 0.740 |

Northeast Analytical, Inc.

Robert E. Wagner FOR REW

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Laboratory Director

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CERTIFICATE OF ANALYSIS
JUNE 20, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-21

NEA ID: 953324

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.502 |
| AROCLOR 1221 | < 0.502 |
| AROCLOR 1232 | < 0.502 |
| AROCLOR 1242 | < 0.502 |
| AROCLOR 1248 | < 0.502 |
| AROCLOR 1254 | 3.70 |
| AROCLOR 1260 | < 0.502 |
| TOTAL PCB RESULTS > PQL | 3.70 |

Northeast Analytical, Inc.



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Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-22

NEA ID: 953325

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

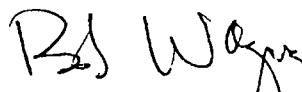
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.213 |
| AROCLOR 1221 | < 0.213 |
| AROCLOR 1232 | < 0.213 |
| AROCLOR 1242 | < 0.213 |
| AROCLOR 1248 | < 0.213 |
| AROCLOR 1254 | 1.94 |
| AROCLOR 1260 | < 0.213 |
| TOTAL PCB RESULTS > PQL | 1.94 |

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JUNE 20, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-23

NEA ID: 953326

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517


CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.216 |
| AROCLOR 1221 | < 0.216 |
| AROCLOR 1232 | < 0.216 |
| AROCLOR 1242 | < 0.216 |
| AROCLOR 1248 | < 0.216 |
| AROCLOR 1254 | 1.44 |
| AROCLOR 1260 | < 0.216 |
| TOTAL PCB RESULTS > PQL | 1.44 |

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-24

NEA ID: 953327

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/g} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.112 |
| AROCLOR 1221 | < 0.112 |
| AROCLOR 1232 | < 0.112 |
| AROCLOR 1242 | < 0.112 |
| AROCLOR 1248 | < 0.112 |
| AROCLOR 1254 | 0.686 |
| AROCLOR 1260 | < 0.112 |
| TOTAL PCB RESULTS > PQL | 0.686 |

Northeast Analytical, Inc.



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CERTIFICATE OF ANALYSIS
JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-25

NEA ID: 953328

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.212 |
| AROCLOR 1221 | < 0.212 |
| AROCLOR 1232 | < 0.212 |
| AROCLOR 1242 | < 0.212 |
| AROCLOR 1248 | < 0.212 |
| AROCLOR 1254 | 1.37 |
| AROCLOR 1260 | < 0.212 |
| TOTAL PCB RESULTS > PQL | 1.37 |

Northeast Analytical, Inc.

Robert E. Wagner
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Laboratory Director

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CERTIFICATE OF ANALYSIS
JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-25 DUPLICATE NEA ID: 953328D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/26/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/26/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.188 |
| AROCLOR 1221 | < 0.188 |
| AROCLOR 1232 | < 0.188 |
| AROCLOR 1242 | < 0.188 |
| AROCLOR 1248 | < 0.188 |
| AROCLOR 1254 | 1.64 |
| AROCLOR 1260 | < 0.188 |
| TOTAL PCB RESULTS > PQL | 1.64 |

Northeast Analytical, Inc.



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MAY 19, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-26

NEA ID: 953329

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.280 |
| AROCLOR 1221 | < 0.280 |
| AROCLOR 1232 | < 0.280 |
| AROCLOR 1242 | < 0.280 |
| AROCLOR 1248 | < 0.280 |
| AROCLOR 1254 | 4.00 |
| AROCLOR 1260 | < 0.280 |
| TOTAL PCB RESULTS > PQL | 4.00 |

Northeast Analytical, Inc.

William O. Wagner FOR REW

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-107-27

NEA ID: 953330

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.110 |
| AROCLOR 1221 | < 0.110 |
| AROCLOR 1232 | < 0.110 |
| AROCLOR 1242 | < 0.110 |
| AROCLOR 1248 | < 0.110 |
| AROCLOR 1254 | 1.28 |
| AROCLOR 1260 | < 0.110 |
| TOTAL PCB RESULTS > PQL | 1.28 |

Northeast Analytical, Inc.

Robert E. Wagner

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Laboratory Director

1.B Station SV-106

NORTHEAST ANALYTICAL

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(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-01

NEA ID: 953331

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/19/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.483 |
| AROCLOR 1221 | < 0.483 |
| AROCLOR 1232 | < 0.483 |
| AROCLOR 1242 | < 0.483 |
| AROCLOR 1248 | < 0.483 |
| AROCLOR 1254 | 3.99 |
| AROCLOR 1260 | < 0.483 |
| TOTAL PCB RESULTS > PQL | 3.99 |

Northeast Analytical, Inc.

Robert E. Wagner

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Laboratory Director

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CERTIFICATE OF ANALYSIS
MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-02

NEA ID: 953332

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/19/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.953 |
| AROCLOR 1221 | < 0.953 |
| AROCLOR 1232 | < 0.953 |
| AROCLOR 1242 | < 0.953 |
| AROCLOR 1248 | < 0.953 |
| AROCLOR 1254 | 8.89 |
| AROCLOR 1260 | < 0.953 |
| TOTAL PCB RESULTS > PQL | 8.89 |

Northeast Analytical, Inc.

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Laboratory Director

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CERTIFICATE OF ANALYSIS
MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-03

NEA ID: 953333

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/19/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.262 |
| AROCLOR 1221 | < 0.262 |
| AROCLOR 1232 | < 0.262 |
| AROCLOR 1242 | < 0.262 |
| AROCLOR 1248 | < 0.262 |
| AROCLOR 1254 | 1.77 |
| AROCLOR 1260 | < 0.262 |
| TOTAL PCB RESULTS > PQL | 1.77 |

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CERTIFICATE OF ANALYSIS
MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-04

NEA ID: 953334

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/19/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

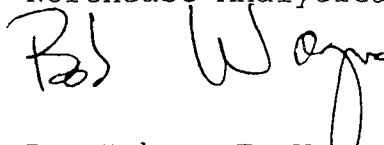
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.740 |
| AROCLOR 1221 | < 0.740 |
| AROCLOR 1232 | < 0.740 |
| AROCLOR 1242 | < 0.740 |
| AROCLOR 1248 | < 0.740 |
| AROCLOR 1254 | 6.18 |
| AROCLOR 1260 | < 0.740 |
| TOTAL PCB RESULTS > PQL | 6.18 |

Northeast Analytical, Inc.



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MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-05

NEA ID: 953335

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/20/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.434 |
| AROCLOR 1221 | < 0.434 |
| AROCLOR 1232 | < 0.434 |
| AROCLOR 1242 | < 0.434 |
| AROCLOR 1248 | < 0.434 |
| AROCLOR 1254 | 6.24 |
| AROCLOR 1260 | < 0.434 |
| TOTAL PCB RESULTS > PQL | 6.24 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

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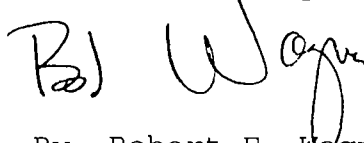
214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-05 DUPLICATE NEA ID: 953335D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/25/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.415 |
| AROCLOR 1221 | < 0.415 |
| AROCLOR 1232 | < 0.415 |
| AROCLOR 1242 | < 0.415 |
| AROCLOR 1248 | < 0.415 |
| AROCLOR 1254 | 6.95 |
| AROCLOR 1260 | < 0.415 |
| TOTAL PCB RESULTS > PQL | 6.95 |

Northeast Analytical, Inc.



By: Robert E. Wagner
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NORTHEAST ANALYTICAL

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MAY 22, 1995

ERM SOUTHEAST, INC.

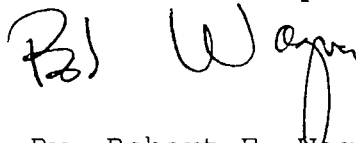
214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-06 NEA ID: 953336
SAMPLE MATRIX: FISH DATE SAMPLED: 04/25/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/19/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.998 |
| AROCLOR 1221 | < 0.998 |
| AROCLOR 1232 | < 0.998 |
| AROCLOR 1242 | < 0.998 |
| AROCLOR 1248 | < 0.998 |
| AROCLOR 1254 | 10.1 |
| AROCLOR 1260 | < 0.998 |
| TOTAL PCB RESULTS > PQL | 10.1 |

Northeast Analytical, Inc.



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MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-07

NEA ID: 953337

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.102 |
| AROCLOR 1221 | < 0.102 |
| AROCLOR 1232 | < 0.102 |
| AROCLOR 1242 | < 0.102 |
| AROCLOR 1248 | < 0.102 |
| AROCLOR 1254 | 0.869 |
| AROCLOR 1260 | < 0.102 |
| TOTAL PCB RESULTS > PQL | 0.869 |

Northeast Analytical, Inc.

Robert E. Wagner

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-08

NEA ID: 953338

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.421 |
| AROCLOR 1221 | < 0.421 |
| AROCLOR 1232 | < 0.421 |
| AROCLOR 1242 | < 0.421 |
| AROCLOR 1248 | < 0.421 |
| AROCLOR 1254 | 4.54 |
| AROCLOR 1260 | < 0.421 |
| TOTAL PCB RESULTS > PQL | 4.54 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
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CONTACT: JIM ORR

CUSTOMER ID: SV-106-09

NEA ID: 953339

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.216 |
| AROCLOR 1221 | < 0.216 |
| AROCLOR 1232 | < 0.216 |
| AROCLOR 1242 | < 0.216 |
| AROCLOR 1248 | < 0.216 |
| AROCLOR 1254 | 1.99 |
| AROCLOR 1260 | < 0.216 |
| TOTAL PCB RESULTS > PQL | 1.99 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110

BRENTWOOD, TN 37037

CONTACT: JIM ORR

CUSTOMER ID: SV-106-10

NEA ID: 953340

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.171 |
| AROCLOR 1221 | < 0.171 |
| AROCLOR 1232 | < 0.171 |
| AROCLOR 1242 | < 0.171 |
| AROCLOR 1248 | < 0.171 |
| AROCLOR 1254 | 1.66 |
| AROCLOR 1260 | < 0.171 |
| TOTAL PCB RESULTS > PQL | 1.66 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-11

NEA ID: 953341

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.108 |
| AROCLOR 1221 | < 0.108 |
| AROCLOR 1232 | < 0.108 |
| AROCLOR 1242 | < 0.108 |
| AROCLOR 1248 | < 0.108 |
| AROCLOR 1254 | 1.37 |
| AROCLOR 1260 | < 0.108 |
| TOTAL PCB RESULTS > PQL | 1.37 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-12

NEA ID: 953342

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.187 |
| AROCLOR 1221 | < 0.187 |
| AROCLOR 1232 | < 0.187 |
| AROCLOR 1242 | < 0.187 |
| AROCLOR 1248 | < 0.187 |
| AROCLOR 1254 | 1.73 |
| AROCLOR 1260 | < 0.187 |
| TOTAL PCB RESULTS > PQL | 1.73 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-13

NEA ID: 953343

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/g} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.187 |
| AROCLOR 1221 | < 0.187 |
| AROCLOR 1232 | < 0.187 |
| AROCLOR 1242 | < 0.187 |
| AROCLOR 1248 | < 0.187 |
| AROCLOR 1254 | 2.83 |
| AROCLOR 1260 | < 0.187 |
| TOTAL PCB RESULTS > PQL | 2.83 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-14

NEA ID: 953344

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.395 |
| AROCLOR 1221 | < 0.395 |
| AROCLOR 1232 | < 0.395 |
| AROCLOR 1242 | < 0.395 |
| AROCLOR 1248 | < 0.395 |
| AROCLOR 1254 | 4.84 |
| AROCLOR 1260 | < 0.395 |
| TOTAL PCB RESULTS > PQL | 4.84 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-15

NEA ID: 953345

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517


CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.447 |
| AROCLOR 1221 | < 0.447 |
| AROCLOR 1232 | < 0.447 |
| AROCLOR 1242 | < 0.447 |
| AROCLOR 1248 | < 0.447 |
| AROCLOR 1254 | 4.28 |
| AROCLOR 1260 | < 0.447 |
| TOTAL PCB RESULTS > PQL | 4.28 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-15 DUPLICATE NEA ID: 953345D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/26/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/24/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.444 |
| AROCLOR 1221 | < 0.444 |
| AROCLOR 1232 | < 0.444 |
| AROCLOR 1242 | < 0.444 |
| AROCLOR 1248 | < 0.444 |
| AROCLOR 1254 | 4.00 |
| AROCLOR 1260 | < 0.444 |
| TOTAL PCB RESULTS > PQL | 4.00 |

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ERM SOUTHEAST, INC.

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BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-16

NEA ID: 953346

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.329 |
| AROCLOR 1221 | < 0.329 |
| AROCLOR 1232 | < 0.329 |
| AROCLOR 1242 | < 0.329 |
| AROCLOR 1248 | < 0.329 |
| AROCLOR 1254 | 2.96 |
| AROCLOR 1260 | < 0.329 |
| TOTAL PCB RESULTS > PQL | 2.96 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-17

NEA ID: 953347

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.379 |
| AROCLOR 1221 | < 0.379 |
| AROCLOR 1232 | < 0.379 |
| AROCLOR 1242 | < 0.379 |
| AROCLOR 1248 | < 0.379 |
| AROCLOR 1254 | 4.14 |
| AROCLOR 1260 | < 0.379 |
| TOTAL PCB RESULTS > PQL | 4.14 |

Northeast Analytical, Inc.

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BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-18

NEA ID: 953348

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.087 |
| AROCLOR 1221 | < 0.087 |
| AROCLOR 1232 | < 0.087 |
| AROCLOR 1242 | < 0.087 |
| AROCLOR 1248 | < 0.087 |
| AROCLOR 1254 | 0.786 |
| AROCLOR 1260 | < 0.087 |
| TOTAL PCB RESULTS > PQL | 0.786 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-19

NEA ID: 953349

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.636 |
| AROCLOR 1221 | < 0.636 |
| AROCLOR 1232 | < 0.636 |
| AROCLOR 1242 | < 0.636 |
| AROCLOR 1248 | < 0.636 |
| AROCLOR 1254 | 5.72 |
| AROCLOR 1260 | < 0.636 |
| TOTAL PCB RESULTS > PQL | 5.72 |

Northeast Analytical, Inc.



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JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-20

NEA ID: 953426

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/30/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.102 |
| AROCLOR 1221 | < 0.102 |
| AROCLOR 1232 | < 0.102 |
| AROCLOR 1242 | < 0.102 |
| AROCLOR 1248 | < 0.102 |
| AROCLOR 1254 | < 0.102 |
| AROCLOR 1260 | < 0.102 |
| TOTAL PCB RESULTS > PQL | 0 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-21

NEA ID: 953427

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/30/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.316 |
| AROCLOR 1221 | < 0.316 |
| AROCLOR 1232 | < 0.316 |
| AROCLOR 1242 | < 0.316 |
| AROCLOR 1248 | < 0.316 |
| AROCLOR 1254 | 3.69 |
| AROCLOR 1260 | < 0.316 |
| TOTAL PCB RESULTS > PQL | 3.69 |

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BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-106-22

NEA ID: 953428

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/g} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 1.03 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 1.03 |

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CONTACT: JIM ORR

CUSTOMER ID: SV-106-23

NEA ID: 953429

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/30/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.478 |
| AROCLOR 1221 | < 0.478 |
| AROCLOR 1232 | < 0.478 |
| AROCLOR 1242 | < 0.478 |
| AROCLOR 1248 | < 0.478 |
| AROCLOR 1254 | 5.41 |
| AROCLOR 1260 | < 0.478 |
| TOTAL PCB RESULTS > PQL | 5.41 |

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ERM SOUTHEAST, INC.

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CONTACT: JIM ORR

CUSTOMER ID: SV-106-24

NEA ID: 953430

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/30/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

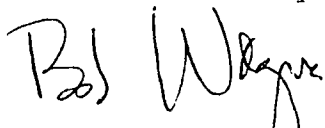
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCOR 1016 | < 0.580 |
| AROCOR 1221 | < 0.580 |
| AROCOR 1232 | < 0.580 |
| AROCOR 1242 | < 0.580 |
| AROCOR 1248 | < 0.580 |
| AROCOR 1254 | 7.41 |
| AROCOR 1260 | < 0.580 |
| TOTAL PCB RESULTS > PQL | 7.41 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

1.C Station SV-532

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 22, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-01

NEA ID: 953277

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.307 |
| AROCLOR 1221 | < 0.307 |
| AROCLOR 1232 | < 0.307 |
| AROCLOR 1242 | < 0.307 |
| AROCLOR 1248 | < 0.307 |
| AROCLOR 1254 | 2.36 |
| AROCLOR 1260 | < 0.307 |
| TOTAL PCB RESULTS > PQL | 2.36 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-02 NEA ID: 953278
SAMPLE MATRIX: FISH DATE SAMPLED: 04/26/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/15/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/g} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.300 |
| AROCLOR 1221 | < 0.300 |
| AROCLOR 1232 | < 0.300 |
| AROCLOR 1242 | < 0.300 |
| AROCLOR 1248 | < 0.300 |
| AROCLOR 1254 | 2.45 |
| AROCLOR 1260 | < 0.300 |
| TOTAL PCB RESULTS > PQL | 2.45 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-03

NEA ID: 953279

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/15/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.285 |
| AROCLOR 1221 | < 0.285 |
| AROCLOR 1232 | < 0.285 |
| AROCLOR 1242 | < 0.285 |
| AROCLOR 1248 | < 0.285 |
| AROCLOR 1254 | 2.32 |
| AROCLOR 1260 | < 0.285 |
| TOTAL PCB RESULTS > PQL | 2.32 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-04

NEA ID: 953280

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/15/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.321 |
| AROCLOR 1221 | < 0.321 |
| AROCLOR 1232 | < 0.321 |
| AROCLOR 1242 | < 0.321 |
| AROCLOR 1248 | < 0.321 |
| AROCLOR 1254 | 2.92 |
| AROCLOR 1260 | < 0.321 |
| TOTAL PCB RESULTS > PQL | 2.92 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-05

NEA ID: 953281

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/15/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.261 |
| AROCLOR 1221 | < 0.261 |
| AROCLOR 1232 | < 0.261 |
| AROCLOR 1242 | < 0.261 |
| AROCLOR 1248 | < 0.261 |
| AROCLOR 1254 | 2.13 |
| AROCLOR 1260 | < 0.261 |
| TOTAL PCB RESULTS > PQL | 2.13 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-06

NEA ID: 953282

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 1.10 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 1.10 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110

BRENTWOOD, TN 37037

CONTACT: JIM ORR

CUSTOMER ID: SV-532-07

NEA ID: 953283

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.357 |
| AROCLOR 1221 | < 0.357 |
| AROCLOR 1232 | < 0.357 |
| AROCLOR 1242 | < 0.357 |
| AROCLOR 1248 | < 0.357 |
| AROCLOR 1254 | 2.65 |
| AROCLOR 1260 | < 0.357 |
| TOTAL PCB RESULTS > PQL | 2.65 |

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BRENTWOOD, TN 37037

CONTACT: JIM ORR

CUSTOMER ID: SV-532-08

NEA ID: 953284

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.476 |
| AROCLOR 1221 | < 0.476 |
| AROCLOR 1232 | < 0.476 |
| AROCLOR 1242 | < 0.476 |
| AROCLOR 1248 | < 0.476 |
| AROCLOR 1254 | 5.71 |
| AROCLOR 1260 | < 0.476 |
| TOTAL PCB RESULTS > PQL | 5.71 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-09

NEA ID: 953285

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.642 |
| AROCLOR 1221 | < 0.642 |
| AROCLOR 1232 | < 0.642 |
| AROCLOR 1242 | < 0.642 |
| AROCLOR 1248 | < 0.642 |
| AROCLOR 1254 | 3.81 |
| AROCLOR 1260 | < 0.642 |
| TOTAL PCB RESULTS > PQL | 3.81 |

Northeast Analytical, Inc.

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-10

NEA ID: 953286

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.357 |
| AROCLOR 1221 | < 0.357 |
| AROCLOR 1232 | < 0.357 |
| AROCLOR 1242 | < 0.357 |
| AROCLOR 1248 | < 0.357 |
| AROCLOR 1254 | 3.12 |
| AROCLOR 1260 | < 0.357 |
| TOTAL PCB RESULTS > PQL | 3.12 |

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MAY 19, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-10 DUPLICATE NEA ID: 953286D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/26/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/16/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.375 |
| AROCLOR 1221 | < 0.375 |
| AROCLOR 1232 | < 0.375 |
| AROCLOR 1242 | < 0.375 |
| AROCLOR 1248 | < 0.375 |
| AROCLOR 1254 | 3.08 |
| AROCLOR 1260 | < 0.375 |
| TOTAL PCB RESULTS > PQL | 3.08 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-11

NEA ID: 953287

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/g} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.204 |
| AROCLOR 1221 | < 0.204 |
| AROCLOR 1232 | < 0.204 |
| AROCLOR 1242 | < 0.204 |
| AROCLOR 1248 | < 0.204 |
| AROCLOR 1254 | 2.27 |
| AROCLOR 1260 | < 0.204 |
| TOTAL PCB RESULTS > PQL | 2.27 |

Northeast Analytical, Inc.

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-12

NEA ID: 953288

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.109 |
| AROCLOR 1221 | < 0.109 |
| AROCLOR 1232 | < 0.109 |
| AROCLOR 1242 | < 0.109 |
| AROCLOR 1248 | < 0.109 |
| AROCLOR 1254 | 0.616 |
| AROCLOR 1260 | < 0.109 |
| TOTAL PCB RESULTS > PQL | 0.616 |

Northeast Analytical, Inc.

Robert E. Wagner

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MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-13

NEA ID: 953289

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.111 |
| AROCLOR 1221 | < 0.111 |
| AROCLOR 1232 | < 0.111 |
| AROCLOR 1242 | < 0.111 |
| AROCLOR 1248 | < 0.111 |
| AROCLOR 1254 | 0.692 |
| AROCLOR 1260 | < 0.111 |
| TOTAL PCB RESULTS > PQL | 0.692 |

Northeast Analytical, Inc.



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MAY 26, 1995

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214 CENTERVIEW DRIVE, SUITE 110
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CONTACT: JIM ORR

CUSTOMER ID: SV-532-14

NEA ID: 953290

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 0.711 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0.711 |

Northeast Analytical, Inc.



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NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-15

NEA ID: 953291

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.180 |
| AROCLOR 1221 | < 0.180 |
| AROCLOR 1232 | < 0.180 |
| AROCLOR 1242 | < 0.180 |
| AROCLOR 1248 | < 0.180 |
| AROCLOR 1254 | 1.20 |
| AROCLOR 1260 | < 0.180 |
| TOTAL PCB RESULTS > PQL | 1.20 |

Northeast Analytical, Inc.



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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
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CONTACT: JIM ORR

CUSTOMER ID: SV-532-16

NEA ID: 953292

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

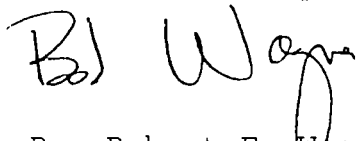
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.264 |
| AROCLOR 1221 | < 0.264 |
| AROCLOR 1232 | < 0.264 |
| AROCLOR 1242 | < 0.264 |
| AROCLOR 1248 | < 0.264 |
| AROCLOR 1254 | 2.34 |
| AROCLOR 1260 | < 0.264 |
| TOTAL PCB RESULTS > PQL | 2.34 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-17

NEA ID: 953293

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.172 |
| AROCLOR 1221 | < 0.172 |
| AROCLOR 1232 | < 0.172 |
| AROCLOR 1242 | < 0.172 |
| AROCLOR 1248 | < 0.172 |
| AROCLOR 1254 | 2.00 |
| AROCLOR 1260 | < 0.172 |
| TOTAL PCB RESULTS > PQL | 2.00 |

Northeast Analytical, Inc.

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(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 19, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-18

NEA ID: 953294

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/17/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.409 |
| AROCLOR 1221 | < 0.409 |
| AROCLOR 1232 | < 0.409 |
| AROCLOR 1242 | < 0.409 |
| AROCLOR 1248 | < 0.409 |
| AROCLOR 1254 | 5.13 |
| AROCLOR 1260 | < 0.409 |
| TOTAL PCB RESULTS > PQL | 5.13 |

Northeast Analytical, Inc.

Robert E. Wagner FOR REW

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-19

NEA ID: 953295

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.106 |
| AROCLOR 1221 | < 0.106 |
| AROCLOR 1232 | < 0.106 |
| AROCLOR 1242 | < 0.106 |
| AROCLOR 1248 | < 0.106 |
| AROCLOR 1254 | 0.836 |
| AROCLOR 1260 | < 0.106 |
| TOTAL PCB RESULTS > PQL | 0.836 |

Northeast Analytical, Inc.

Robert E. Wagner

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Laboratory Director

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CERTIFICATE OF ANALYSIS
JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-20

NEA ID: 953296

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

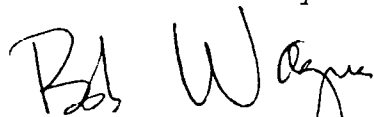
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.395 |
| AROCLOR 1221 | < 0.395 |
| AROCLOR 1232 | < 0.395 |
| AROCLOR 1242 | < 0.395 |
| AROCLOR 1248 | < 0.395 |
| AROCLOR 1254 | 3.52 |
| AROCLOR 1260 | < 0.395 |
| TOTAL PCB RESULTS > PQL | 3.52 |

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Laboratory Director

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CERTIFICATE OF ANALYSIS
JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-20 DUPLICATE NEA ID: 953296D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/26/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/25/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.431 |
| AROCLOR 1221 | < 0.431 |
| AROCLOR 1232 | < 0.431 |
| AROCLOR 1242 | < 0.431 |
| AROCLOR 1248 | < 0.431 |
| AROCLOR 1254 | 3.05 |
| AROCLOR 1260 | < 0.431 |
| TOTAL PCB RESULTS > PQL | 3.05 |

Northeast Analytical, Inc.

Robert E. Wagner

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CERTIFICATE OF ANALYSIS
JUNE 20, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-21

NEA ID: 953297

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.218 |
| AROCLOR 1221 | < 0.218 |
| AROCLOR 1232 | < 0.218 |
| AROCLOR 1242 | < 0.218 |
| AROCLOR 1248 | < 0.218 |
| AROCLOR 1254 | 1.71 |
| AROCLOR 1260 | < 0.218 |
| TOTAL PCB RESULTS > PQL | 1.71 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS
JUNE 20, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-22

NEA ID: 953298

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 0.389 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0.389 |

Northeast Analytical, Inc.



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CERTIFICATE OF ANALYSIS
JUNE 20, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-23

NEA ID: 953299

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.110 |
| AROCLOR 1221 | < 0.110 |
| AROCLOR 1232 | < 0.110 |
| AROCLOR 1242 | < 0.110 |
| AROCLOR 1248 | < 0.110 |
| AROCLOR 1254 | 1.13 |
| AROCLOR 1260 | < 0.110 |
| TOTAL PCB RESULTS > PQL | 1.13 |

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CERTIFICATE OF ANALYSIS
JUNE 20, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-24

NEA ID: 953300

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.108 |
| AROCLOR 1221 | < 0.108 |
| AROCLOR 1232 | < 0.108 |
| AROCLOR 1242 | < 0.108 |
| AROCLOR 1248 | < 0.108 |
| AROCLOR 1254 | 1.25 |
| AROCLOR 1260 | < 0.108 |
| TOTAL PCB RESULTS > PQL | 1.25 |

Northeast Analytical, Inc.



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CERTIFICATE OF ANALYSIS
MAY 19, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-25

NEA ID: 953301

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/16/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 1.13 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 1.13 |

Northeast Analytical, Inc.

Robert E. Wagner FOR REW

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

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CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-26

NEA ID: 953302

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/09/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

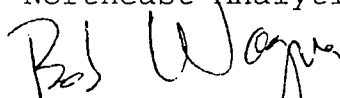
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.419 |
| AROCLOR 1221 | < 0.419 |
| AROCLOR 1232 | < 0.419 |
| AROCLOR 1242 | < 0.419 |
| AROCLOR 1248 | < 0.419 |
| AROCLOR 1254 | 4.53 |
| AROCLOR 1260 | < 0.419 |
| TOTAL PCB RESULTS > PQL | 4.53 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-532-27

NEA ID: 953303

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

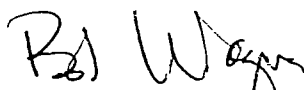
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.110 |
| AROCLOR 1221 | < 0.110 |
| AROCLOR 1232 | < 0.110 |
| AROCLOR 1242 | < 0.110 |
| AROCLOR 1248 | < 0.110 |
| AROCLOR 1254 | 0.431 |
| AROCLOR 1260 | < 0.110 |
| TOTAL PCB RESULTS > PQL | 0.431 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

1.D Station SV-535

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

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(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-01

NEA ID: 953431

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/24/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.109 |
| AROCLOR 1221 | < 0.109 |
| AROCLOR 1232 | < 0.109 |
| AROCLOR 1242 | < 0.109 |
| AROCLOR 1248 | < 0.109 |
| AROCLOR 1254 | 1.00 |
| AROCLOR 1260 | < 0.109 |
| TOTAL PCB RESULTS > PQL | 1.00 |

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-02

NEA ID: 953432

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.190 |
| AROCLOR 1221 | < 0.190 |
| AROCLOR 1232 | < 0.190 |
| AROCLOR 1242 | < 0.190 |
| AROCLOR 1248 | < 0.190 |
| AROCLOR 1254 | 1.75 |
| AROCLOR 1260 | < 0.190 |
| TOTAL PCB RESULTS > PQL | 1.75 |

Northeast Analytical, Inc.



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NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

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CERTIFICATE OF ANALYSIS
JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-02 DUPLICATE NEA ID: 953432D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/27/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 05/31/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.206 |
| AROCLOR 1221 | < 0.206 |
| AROCLOR 1232 | < 0.206 |
| AROCLOR 1242 | < 0.206 |
| AROCLOR 1248 | < 0.206 |
| AROCLOR 1254 | 1.45 |
| AROCLOR 1260 | < 0.206 |
| TOTAL PCB RESULTS > PQL | 1.45 |

Northeast Analytical, Inc.



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NORTHEAST ANALYTICAL

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301 Nott Street, Schenectady, NY 12305
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CERTIFICATE OF ANALYSIS JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-03

NEA ID: 953433

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.101 |
| AROCLOR 1221 | < 0.101 |
| AROCLOR 1232 | < 0.101 |
| AROCLOR 1242 | < 0.101 |
| AROCLOR 1248 | < 0.101 |
| AROCLOR 1254 | 0.639 |
| AROCLOR 1260 | < 0.101 |
| TOTAL PCB RESULTS > PQL | 0.639 |

Northeast Analytical, Inc.

Robert E. Wagner

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Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

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CERTIFICATE OF ANALYSIS
JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-04

NEA ID: 953434

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/27/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

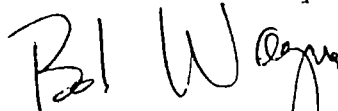
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.109 |
| AROCLOR 1221 | < 0.109 |
| AROCLOR 1232 | < 0.109 |
| AROCLOR 1242 | < 0.109 |
| AROCLOR 1248 | < 0.109 |
| AROCLOR 1254 | 1.15 |
| AROCLOR 1260 | < 0.109 |
| TOTAL PCB RESULTS > PQL | 1.15 |

Northeast Analytical, Inc.



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CERTIFICATE OF ANALYSIS
JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-05

NEA ID: 953435

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.099 |
| AROCLOR 1221 | < 0.099 |
| AROCLOR 1232 | < 0.099 |
| AROCLOR 1242 | < 0.099 |
| AROCLOR 1248 | < 0.099 |
| AROCLOR 1254 | 0.629 |
| AROCLOR 1260 | < 0.099 |
| TOTAL PCB RESULTS > PQL | 0.629 |

Northeast Analytical, Inc.

Robert E. Wagner

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Laboratory Director

NORTHEAST ANALYTICAL

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-06

NEA ID: 953436

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.103 |
| AROCLOR 1221 | < 0.103 |
| AROCLOR 1232 | < 0.103 |
| AROCLOR 1242 | < 0.103 |
| AROCLOR 1248 | < 0.103 |
| AROCLOR 1254 | 1.24 |
| AROCLOR 1260 | < 0.103 |
| TOTAL PCB RESULTS > PQL | 1.24 |

Northeast Analytical, Inc.



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CERTIFICATE OF ANALYSIS
JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-07

NEA ID: 953437

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.110 |
| AROCLOR 1221 | < 0.110 |
| AROCLOR 1232 | < 0.110 |
| AROCLOR 1242 | < 0.110 |
| AROCLOR 1248 | < 0.110 |
| AROCLOR 1254 | 0.676 |
| AROCLOR 1260 | < 0.110 |
| TOTAL PCB RESULTS > PQL | 0.676 |

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CERTIFICATE OF ANALYSIS
JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-08

NEA ID: 953438

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.108 |
| AROCLOR 1221 | < 0.108 |
| AROCLOR 1232 | < 0.108 |
| AROCLOR 1242 | < 0.108 |
| AROCLOR 1248 | < 0.108 |
| AROCLOR 1254 | 0.801 |
| AROCLOR 1260 | < 0.108 |
| TOTAL PCB RESULTS > PQL | 0.801 |

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CERTIFICATE OF ANALYSIS
JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-09

NEA ID: 953439

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.103 |
| AROCLOR 1221 | < 0.103 |
| AROCLOR 1232 | < 0.103 |
| AROCLOR 1242 | < 0.103 |
| AROCLOR 1248 | < 0.103 |
| AROCLOR 1254 | 0.463 |
| AROCLOR 1260 | < 0.103 |
| TOTAL PCB RESULTS > PQL | 0.463 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-10

NEA ID: 953440

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.108 |
| AROCLOR 1221 | < 0.108 |
| AROCLOR 1232 | < 0.108 |
| AROCLOR 1242 | < 0.108 |
| AROCLOR 1248 | < 0.108 |
| AROCLOR 1254 | 1.01 |
| AROCLOR 1260 | < 0.108 |
| TOTAL PCB RESULTS > PQL | 1.01 |

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MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-11

NEA ID: 953441

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.220 |
| AROCLOR 1221 | < 0.220 |
| AROCLOR 1232 | < 0.220 |
| AROCLOR 1242 | < 0.220 |
| AROCLOR 1248 | < 0.220 |
| AROCLOR 1254 | 3.38 |
| AROCLOR 1260 | < 0.220 |
| TOTAL PCB RESULTS > PQL | 3.38 |

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JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-12

NEA ID: 953442

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

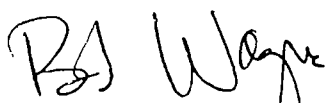
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 0.973 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0.973 |

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JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-13

NEA ID: 953443

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

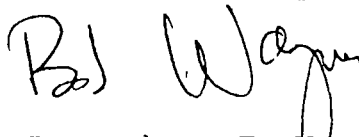
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.216 |
| AROCLOR 1221 | < 0.216 |
| AROCLOR 1232 | < 0.216 |
| AROCLOR 1242 | < 0.216 |
| AROCLOR 1248 | < 0.216 |
| AROCLOR 1254 | 1.01 |
| AROCLOR 1260 | < 0.216 |
| TOTAL PCB RESULTS > PQL | 1.01 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-14

NEA ID: 953444

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.274 |
| AROCLOR 1221 | < 0.274 |
| AROCLOR 1232 | < 0.274 |
| AROCLOR 1242 | < 0.274 |
| AROCLOR 1248 | < 0.274 |
| AROCLOR 1254 | 2.36 |
| AROCLOR 1260 | < 0.274 |
| TOTAL PCB RESULTS > PQL | 2.36 |

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JUNE 1, 1995

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CONTACT: JIM ORR

CUSTOMER ID: SV-535-15

NEA ID: 953445

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.976 |
| AROCLOR 1221 | < 0.976 |
| AROCLOR 1232 | < 0.976 |
| AROCLOR 1242 | < 0.976 |
| AROCLOR 1248 | < 0.976 |
| AROCLOR 1254 | 8.15 |
| AROCLOR 1260 | < 0.976 |
| TOTAL PCB RESULTS > PQL | 8.15 |

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-16

NEA ID: 953446

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.206 |
| AROCLOR 1221 | < 0.206 |
| AROCLOR 1232 | < 0.206 |
| AROCLOR 1242 | < 0.206 |
| AROCLOR 1248 | < 0.206 |
| AROCLOR 1254 | 2.01 |
| AROCLOR 1260 | < 0.206 |
| TOTAL PCB RESULTS > PQL | 2.01 |

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CERTIFICATE OF ANALYSIS
JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-17

NEA ID: 953447

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.418 |
| AROCLOR 1221 | < 0.418 |
| AROCLOR 1232 | < 0.418 |
| AROCLOR 1242 | < 0.418 |
| AROCLOR 1248 | < 0.418 |
| AROCLOR 1254 | 4.96 |
| AROCLOR 1260 | < 0.418 |
| TOTAL PCB RESULTS > PQL | 4.96 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-17 DUPLICATE NEA ID: 953447D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/27/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 05/31/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { μ g/g} |
|-------------------------|--------------------------------|
| AROCLOR 1016 | < 0.397 |
| AROCLOR 1221 | < 0.397 |
| AROCLOR 1232 | < 0.397 |
| AROCLOR 1242 | < 0.397 |
| AROCLOR 1248 | < 0.397 |
| AROCLOR 1254 | 5.06 |
| AROCLOR 1260 | < 0.397 |
| TOTAL PCB RESULTS > PQL | 5.06 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-18

NEA ID: 953448

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 1.55 |
| AROCLOR 1221 | < 1.55 |
| AROCLOR 1232 | < 1.55 |
| AROCLOR 1242 | < 1.55 |
| AROCLOR 1248 | < 1.55 |
| AROCLOR 1254 | 14.2 |
| AROCLOR 1260 | < 1.55 |
| TOTAL PCB RESULTS > PQL | 14.2 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-19

NEA ID: 953449

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.199 |
| AROCLOR 1221 | < 0.199 |
| AROCLOR 1232 | < 0.199 |
| AROCLOR 1242 | < 0.199 |
| AROCLOR 1248 | < 0.199 |
| AROCLOR 1254 | 1.91 |
| AROCLOR 1260 | < 0.199 |
| TOTAL PCB RESULTS > PQL | 1.91 |

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JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-20

NEA ID: 953450

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.110 |
| AROCLOR 1221 | < 0.110 |
| AROCLOR 1232 | < 0.110 |
| AROCLOR 1242 | < 0.110 |
| AROCLOR 1248 | < 0.110 |
| AROCLOR 1254 | 0.902 |
| AROCLOR 1260 | < 0.110 |
| TOTAL PCB RESULTS > PQL | 0.902 |

Northeast Analytical, Inc.

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JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-21

NEA ID: 953451

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.103 |
| AROCLOR 1221 | < 0.103 |
| AROCLOR 1232 | < 0.103 |
| AROCLOR 1242 | < 0.103 |
| AROCLOR 1248 | < 0.103 |
| AROCLOR 1254 | 0.684 |
| AROCLOR 1260 | < 0.103 |
| TOTAL PCB RESULTS > PQL | 0.684 |

Northeast Analytical, Inc.

Robert E. Wagner

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-22

NEA ID: 953452

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.111 |
| AROCLOR 1221 | < 0.111 |
| AROCLOR 1232 | < 0.111 |
| AROCLOR 1242 | < 0.111 |
| AROCLOR 1248 | < 0.111 |
| AROCLOR 1254 | < 0.111 |
| AROCLOR 1260 | < 0.111 |
| TOTAL PCB RESULTS > PQL | 0 |

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JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-23

NEA ID: 953453

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.099 |
| AROCLOR 1221 | < 0.099 |
| AROCLOR 1232 | < 0.099 |
| AROCLOR 1242 | < 0.099 |
| AROCLOR 1248 | < 0.099 |
| AROCLOR 1254 | 0.273 |
| AROCLOR 1260 | < 0.099 |
| TOTAL PCB RESULTS > PQL | 0.273 |

Northeast Analytical, Inc.



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Laboratory Director

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301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 2, 1995

ERM SOUTHEAST, INC.

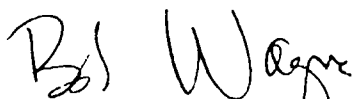
214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-23 DUPLICATE NEA ID: 953453D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/27/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 05/31/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.104 |
| AROCLOR 1221 | < 0.104 |
| AROCLOR 1232 | < 0.104 |
| AROCLOR 1242 | < 0.104 |
| AROCLOR 1248 | < 0.104 |
| AROCLOR 1254 | 0.239 |
| AROCLOR 1260 | < 0.104 |
| TOTAL PCB RESULTS > PQL | 0.239 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-535-24

NEA ID: 953454

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 0.637 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0.637 |

Northeast Analytical, Inc.



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Laboratory Director

1.E Station SV-641

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CERTIFICATE OF ANALYSIS JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-01

NEA ID: 953455

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

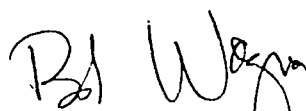
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.098 |
| AROCLOR 1221 | < 0.098 |
| AROCLOR 1232 | < 0.098 |
| AROCLOR 1242 | < 0.098 |
| AROCLOR 1248 | < 0.098 |
| AROCLOR 1254 | 0.381 |
| AROCLOR 1260 | < 0.098 |
| TOTAL PCB RESULTS > PQL | 0.381 |

Northeast Analytical, Inc.



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MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-02

NEA ID: 953456

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.102 |
| AROCLOR 1221 | < 0.102 |
| AROCLOR 1232 | < 0.102 |
| AROCLOR 1242 | < 0.102 |
| AROCLOR 1248 | < 0.102 |
| AROCLOR 1254 | 0.166 |
| AROCLOR 1260 | < 0.102 |
| TOTAL PCB RESULTS > PQL | 0.166 |

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Robert E. Wagner

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-03

NEA ID: 953457

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/31/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.099 |
| AROCLOR 1221 | < 0.099 |
| AROCLOR 1232 | < 0.099 |
| AROCLOR 1242 | < 0.099 |
| AROCLOR 1248 | < 0.099 |
| AROCLOR 1254 | 0.228 |
| AROCLOR 1260 | < 0.099 |
| TOTAL PCB RESULTS > PQL | 0.228 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-04

NEA ID: 953458

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/01/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.109 |
| AROCLOR 1221 | < 0.109 |
| AROCLOR 1232 | < 0.109 |
| AROCLOR 1242 | < 0.109 |
| AROCLOR 1248 | < 0.109 |
| AROCLOR 1254 | < 0.109 |
| AROCLOR 1260 | < 0.109 |
| TOTAL PCB RESULTS > PQL | 0 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-05

NEA ID: 953459

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/01/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.108 |
| AROCLOR 1221 | < 0.108 |
| AROCLOR 1232 | < 0.108 |
| AROCLOR 1242 | < 0.108 |
| AROCLOR 1248 | < 0.108 |
| AROCLOR 1254 | 0.341 |
| AROCLOR 1260 | < 0.108 |
| TOTAL PCB RESULTS > PQL | 0.341 |

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JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-06

NEA ID: 953460

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 0.787 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0.787 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-07

NEA ID: 953461

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/01/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.108 |
| AROCLOR 1221 | < 0.108 |
| AROCLOR 1232 | < 0.108 |
| AROCLOR 1242 | < 0.108 |
| AROCLOR 1248 | < 0.108 |
| AROCLOR 1254 | 0.616 |
| AROCLOR 1260 | < 0.108 |
| TOTAL PCB RESULTS > PQL | 0.616 |

Northeast Analytical, Inc.

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-08 NEA ID: 953462
SAMPLE MATRIX: FISH DATE SAMPLED: 04/28/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 05/26/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.109 |
| AROCLOR 1221 | < 0.109 |
| AROCLOR 1232 | < 0.109 |
| AROCLOR 1242 | < 0.109 |
| AROCLOR 1248 | < 0.109 |
| AROCLOR 1254 | 1.25 |
| AROCLOR 1260 | < 0.109 |
| TOTAL PCB RESULTS > PQL | 1.25 |

Northeast Analytical, Inc.



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JUNE 2, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-09

NEA ID: 953463

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/01/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.638 |
| AROCLOR 1221 | < 0.638 |
| AROCLOR 1232 | < 0.638 |
| AROCLOR 1242 | < 0.638 |
| AROCLOR 1248 | < 0.638 |
| AROCLOR 1254 | 7.77 |
| AROCLOR 1260 | < 0.638 |
| TOTAL PCB RESULTS > PQL | 7.77 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-09 DUPLICATE NEA ID: 953463D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/28/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 06/01/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.669 |
| AROCLOR 1221 | < 0.669 |
| AROCLOR 1232 | < 0.669 |
| AROCLOR 1242 | < 0.669 |
| AROCLOR 1248 | < 0.669 |
| AROCLOR 1254 | 7.49 |
| AROCLOR 1260 | < 0.669 |
| TOTAL PCB RESULTS > PQL | 7.49 |

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Robert E. Wagner

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-10

NEA ID: 953464

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/01/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.223 |
| AROCLOR 1221 | < 0.223 |
| AROCLOR 1232 | < 0.223 |
| AROCLOR 1242 | < 0.223 |
| AROCLOR 1248 | < 0.223 |
| AROCLOR 1254 | 2.25 |
| AROCLOR 1260 | < 0.223 |
| TOTAL PCB RESULTS > PQL | 2.25 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-11

NEA ID: 953465

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/01/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.329 |
| AROCLOR 1221 | < 0.329 |
| AROCLOR 1232 | < 0.329 |
| AROCLOR 1242 | < 0.329 |
| AROCLOR 1248 | < 0.329 |
| AROCLOR 1254 | 3.77 |
| AROCLOR 1260 | < 0.329 |
| TOTAL PCB RESULTS > PQL | 3.77 |

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Bob Wagner

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JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-12

NEA ID: 953466

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

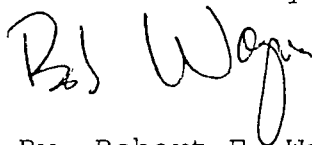
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.529 |
| AROCLOR 1221 | < 0.529 |
| AROCLOR 1232 | < 0.529 |
| AROCLOR 1242 | < 0.529 |
| AROCLOR 1248 | < 0.529 |
| AROCLOR 1254 | 4.44 |
| AROCLOR 1260 | < 0.529 |
| TOTAL PCB RESULTS > PQL | 4.44 |

Northeast Analytical, Inc.



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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-13

NEA ID: 953467

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 1.07 |
| AROCLOR 1221 | < 1.07 |
| AROCLOR 1232 | < 1.07 |
| AROCLOR 1242 | < 1.07 |
| AROCLOR 1248 | < 1.07 |
| AROCLOR 1254 | 7.82 |
| AROCLOR 1260 | < 1.07 |
| TOTAL PCB RESULTS > PQL | 7.82 |

Northeast Analytical, Inc.

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-14

NEA ID: 953468

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

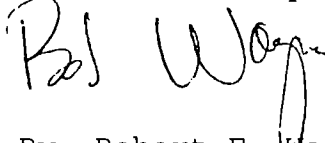
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.206 |
| AROCLOR 1221 | < 0.206 |
| AROCLOR 1232 | < 0.206 |
| AROCLOR 1242 | < 0.206 |
| AROCLOR 1248 | < 0.206 |
| AROCLOR 1254 | 0.882 |
| AROCLOR 1260 | < 0.206 |
| TOTAL PCB RESULTS > PQL | 0.882 |

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NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-15

NEA ID: 953469

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.110 |
| AROCLOR 1221 | < 0.110 |
| AROCLOR 1232 | < 0.110 |
| AROCLOR 1242 | < 0.110 |
| AROCLOR 1248 | < 0.110 |
| AROCLOR 1254 | < 0.110 |
| AROCLOR 1260 | < 0.110 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

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CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-16

NEA ID: 953470

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

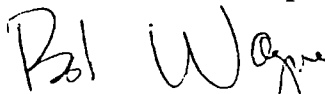
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.101 |
| AROCLOR 1221 | < 0.101 |
| AROCLOR 1232 | < 0.101 |
| AROCLOR 1242 | < 0.101 |
| AROCLOR 1248 | < 0.101 |
| AROCLOR 1254 | 0.137 |
| AROCLOR 1260 | < 0.101 |
| TOTAL PCB RESULTS > PQL | 0.137 |

Northeast Analytical, Inc.



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MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-17

NEA ID: 953471

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

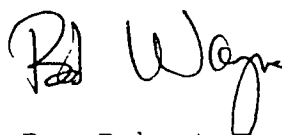
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | < 0.105 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.



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Laboratory Director

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CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-18 NEA ID: 953472
SAMPLE MATRIX: FISH DATE SAMPLED: 04/28/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 06/10/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.108 |
| AROCLOR 1221 | < 0.108 |
| AROCLOR 1232 | < 0.108 |
| AROCLOR 1242 | < 0.108 |
| AROCLOR 1248 | < 0.108 |
| AROCLOR 1254 | 0.143 |
| AROCLOR 1260 | < 0.108 |
| TOTAL PCB RESULTS > PQL | 0.143 |

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Bob Wagner

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CERTIFICATE OF ANALYSIS JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-19

NEA ID: 953473

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/27/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

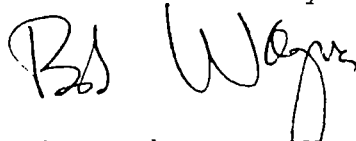
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.107 |
| AROCLOR 1221 | < 0.107 |
| AROCLOR 1232 | < 0.107 |
| AROCLOR 1242 | < 0.107 |
| AROCLOR 1248 | < 0.107 |
| AROCLOR 1254 | < 0.107 |
| AROCLOR 1260 | < 0.107 |
| TOTAL PCB RESULTS > PQL | 0 |

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MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-20

NEA ID: 953474

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

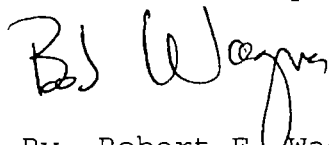
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.101 |
| AROCLOR 1221 | < 0.101 |
| AROCLOR 1232 | < 0.101 |
| AROCLOR 1242 | < 0.101 |
| AROCLOR 1248 | < 0.101 |
| AROCLOR 1254 | 0.184 |
| AROCLOR 1260 | < 0.101 |
| TOTAL PCB RESULTS > PQL | 0.184 |

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JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-21

NEA ID: 953475

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.110 |
| AROCLOR 1221 | < 0.110 |
| AROCLOR 1232 | < 0.110 |
| AROCLOR 1242 | < 0.110 |
| AROCLOR 1248 | < 0.110 |
| AROCLOR 1254 | < 0.110 |
| AROCLOR 1260 | < 0.110 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.

Robert E. Wagner

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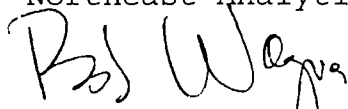
214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-21 DUPLICATE NEA ID: 953475D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/28/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 06/10/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.106 |
| AROCLOR 1221 | < 0.106 |
| AROCLOR 1232 | < 0.106 |
| AROCLOR 1242 | < 0.106 |
| AROCLOR 1248 | < 0.106 |
| AROCLOR 1254 | 0.146 |
| AROCLOR 1260 | < 0.106 |
| TOTAL PCB RESULTS > PQL | 0.146 |

Northeast Analytical, Inc.



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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-22

NEA ID: 953476

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.104 |
| AROCLOR 1221 | < 0.104 |
| AROCLOR 1232 | < 0.104 |
| AROCLOR 1242 | < 0.104 |
| AROCLOR 1248 | < 0.104 |
| AROCLOR 1254 | 0.171 |
| AROCLOR 1260 | < 0.104 |
| TOTAL PCB RESULTS > PQL | 0.171 |

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

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(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-23

NEA ID: 953477

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.099 |
| AROCLOR 1221 | < 0.099 |
| AROCLOR 1232 | < 0.099 |
| AROCLOR 1242 | < 0.099 |
| AROCLOR 1248 | < 0.099 |
| AROCLOR 1254 | < 0.099 |
| AROCLOR 1260 | < 0.099 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.



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Laboratory Director

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-24

NEA ID: 953478

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 0.165 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0.165 |

Northeast Analytical, Inc.

Robert E. Wagner
By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

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CERTIFICATE OF ANALYSIS JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-25

NEA ID: 953479

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.096 |
| AROCLOR 1221 | < 0.096 |
| AROCLOR 1232 | < 0.096 |
| AROCLOR 1242 | < 0.096 |
| AROCLOR 1248 | < 0.096 |
| AROCLOR 1254 | < 0.096 |
| AROCLOR 1260 | < 0.096 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-26

NEA ID: 953480

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 0.181 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0.181 |

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
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CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-641-27

NEA ID: 953481

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { μ g/g} |
|-------------------------|--------------------------------|
| AROCLOR 1016 | < 0.106 |
| AROCLOR 1221 | < 0.106 |
| AROCLOR 1232 | < 0.106 |
| AROCLOR 1242 | < 0.106 |
| AROCLOR 1248 | < 0.106 |
| AROCLOR 1254 | 0.990 |
| AROCLOR 1260 | < 0.106 |
| TOTAL PCB RESULTS > PQL | 0.990 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

1.F Station SV-642

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
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CERTIFICATE OF ANALYSIS
JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-01

NEA ID: 953482

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.103 |
| AROCLOR 1221 | < 0.103 |
| AROCLOR 1232 | < 0.103 |
| AROCLOR 1242 | < 0.103 |
| AROCLOR 1248 | < 0.103 |
| AROCLOR 1254 | 0.516 |
| AROCLOR 1260 | < 0.103 |
| TOTAL PCB RESULTS > PQL | 0.516 |

Northeast Analytical, Inc.

Bob Wagner

By: Robert E. Wagner
Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
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CERTIFICATE OF ANALYSIS JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-01 DUPLICATE NEA ID: 953482D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/27/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 05/26/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.101 |
| AROCLOR 1221 | < 0.101 |
| AROCLOR 1232 | < 0.101 |
| AROCLOR 1242 | < 0.101 |
| AROCLOR 1248 | < 0.101 |
| AROCLOR 1254 | 0.579 |
| AROCLOR 1260 | < 0.101 |
| TOTAL PCB RESULTS > PQL | 0.579 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

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301 Nott Street, Schenectady, NY 12305
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CERTIFICATE OF ANALYSIS
JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-02

NEA ID: 953483

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

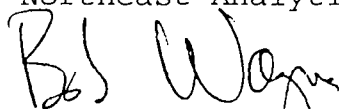
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.098 |
| AROCLOR 1221 | < 0.098 |
| AROCLOR 1232 | < 0.098 |
| AROCLOR 1242 | < 0.098 |
| AROCLOR 1248 | < 0.098 |
| AROCLOR 1254 | 1.18 |
| AROCLOR 1260 | < 0.098 |
| TOTAL PCB RESULTS > PQL | 1.18 |

Northeast Analytical, Inc.



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Laboratory Director

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-03

NEA ID: 953484

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.108 |
| AROCLOR 1221 | < 0.108 |
| AROCLOR 1232 | < 0.108 |
| AROCLOR 1242 | < 0.108 |
| AROCLOR 1248 | < 0.108 |
| AROCLOR 1254 | 0.360 |
| AROCLOR 1260 | < 0.108 |
| TOTAL PCB RESULTS > PQL | 0.360 |

Northeast Analytical, Inc.



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Laboratory Director

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CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-04

NEA ID: 953485

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.102 |
| AROCLOR 1221 | < 0.102 |
| AROCLOR 1232 | < 0.102 |
| AROCLOR 1242 | < 0.102 |
| AROCLOR 1248 | < 0.102 |
| AROCLOR 1254 | 0.501 |
| AROCLOR 1260 | < 0.102 |
| TOTAL PCB RESULTS > PQL | 0.501 |

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JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-05

NEA ID: 953486

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.109 |
| AROCLOR 1221 | < 0.109 |
| AROCLOR 1232 | < 0.109 |
| AROCLOR 1242 | < 0.109 |
| AROCLOR 1248 | < 0.109 |
| AROCLOR 1254 | 0.181 |
| AROCLOR 1260 | < 0.109 |
| TOTAL PCB RESULTS > PQL | 0.181 |

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JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-06

NEA ID: 953487

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/12/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

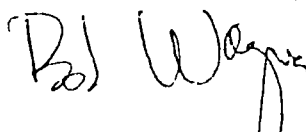
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.220 |
| AROCLOR 1221 | < 0.220 |
| AROCLOR 1232 | < 0.220 |
| AROCLOR 1242 | < 0.220 |
| AROCLOR 1248 | < 0.220 |
| AROCLOR 1254 | 1.01 |
| AROCLOR 1260 | < 0.220 |
| TOTAL PCB RESULTS > PQL | 1.01 |

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NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-07

NEA ID: 953488

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/22/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.106 |
| AROCLOR 1221 | < 0.106 |
| AROCLOR 1232 | < 0.106 |
| AROCLOR 1242 | < 0.106 |
| AROCLOR 1248 | < 0.106 |
| AROCLOR 1254 | 0.341 |
| AROCLOR 1260 | < 0.106 |
| TOTAL PCB RESULTS > PQL | 0.341 |

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MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-08

NEA ID: 953489

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/22/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.110 |
| AROCLOR 1221 | < 0.110 |
| AROCLOR 1232 | < 0.110 |
| AROCLOR 1242 | < 0.110 |
| AROCLOR 1248 | < 0.110 |
| AROCLOR 1254 | 0.770 |
| AROCLOR 1260 | < 0.110 |
| TOTAL PCB RESULTS > PQL | 0.770 |

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JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-09

NEA ID: 953490

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 0.505 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0.505 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-10

NEA ID: 953491

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.108 |
| AROCLOR 1221 | < 0.108 |
| AROCLOR 1232 | < 0.108 |
| AROCLOR 1242 | < 0.108 |
| AROCLOR 1248 | < 0.108 |
| AROCLOR 1254 | < 0.108 |
| AROCLOR 1260 | < 0.108 |
| TOTAL PCB RESULTS > PQL | 0 |

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214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-11

NEA ID: 953492

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

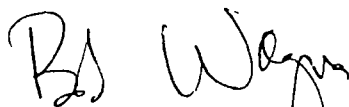
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.431 |
| AROCLOR 1221 | < 0.431 |
| AROCLOR 1232 | < 0.431 |
| AROCLOR 1242 | < 0.431 |
| AROCLOR 1248 | < 0.431 |
| AROCLOR 1254 | 4.50 |
| AROCLOR 1260 | < 0.431 |
| TOTAL PCB RESULTS > PQL | 4.50 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-12

NEA ID: 953493

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517


CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 1.10 |
| AROCLOR 1221 | < 1.10 |
| AROCLOR 1232 | < 1.10 |
| AROCLOR 1242 | < 1.10 |
| AROCLOR 1248 | < 1.10 |
| AROCLOR 1254 | 8.83 |
| AROCLOR 1260 | < 1.10 |
| TOTAL PCB RESULTS > PQL | 8.83 |

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JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-13

NEA ID: 953494

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

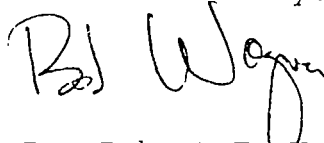
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { μ g/g} |
|-------------------------|--------------------------------|
| AROCLOR 1016 | < 1.11 |
| AROCLOR 1221 | < 1.11 |
| AROCLOR 1232 | < 1.11 |
| AROCLOR 1242 | < 1.11 |
| AROCLOR 1248 | < 1.11 |
| AROCLOR 1254 | 7.77 |
| AROCLOR 1260 | < 1.11 |
| TOTAL PCB RESULTS > PQL | 7.77 |

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JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-13 DUPLICATE NEA ID: 953494D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/28/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 06/10/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 1.07 |
| AROCLOR 1221 | < 1.07 |
| AROCLOR 1232 | < 1.07 |
| AROCLOR 1242 | < 1.07 |
| AROCLOR 1248 | < 1.07 |
| AROCLOR 1254 | 7.67 |
| AROCLOR 1260 | < 1.07 |
| TOTAL PCB RESULTS > PQL | 7.67 |

Northeast Analytical, Inc.



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JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-14

NEA ID: 953495

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

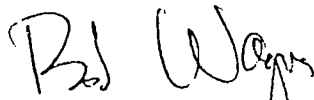
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 2.18 |
| AROCLOR 1221 | < 2.18 |
| AROCLOR 1232 | < 2.18 |
| AROCLOR 1242 | < 2.18 |
| AROCLOR 1248 | < 2.18 |
| AROCLOR 1254 | 15.5 |
| AROCLOR 1260 | < 2.18 |
| TOTAL PCB RESULTS > PQL | 15.5 |

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-15

NEA ID: 953496

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/10/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.807 |
| AROCLOR 1221 | < 0.807 |
| AROCLOR 1232 | < 0.807 |
| AROCLOR 1242 | < 0.807 |
| AROCLOR 1248 | < 0.807 |
| AROCLOR 1254 | 5.47 |
| AROCLOR 1260 | < 0.807 |
| TOTAL PCB RESULTS > PQL | 5.47 |

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JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-16

NEA ID: 953497

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/11/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

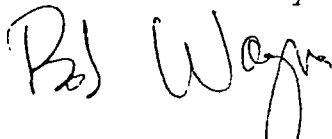
CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.218 |
| AROCLOR 1221 | < 0.218 |
| AROCLOR 1232 | < 0.218 |
| AROCLOR 1242 | < 0.218 |
| AROCLOR 1248 | < 0.218 |
| AROCLOR 1254 | 0.963 |
| AROCLOR 1260 | < 0.218 |
| TOTAL PCB RESULTS > PQL | 0.963 |

Northeast Analytical, Inc.



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JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-17

NEA ID: 953498

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/11/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.531 |
| AROCLOR 1221 | < 0.531 |
| AROCLOR 1232 | < 0.531 |
| AROCLOR 1242 | < 0.531 |
| AROCLOR 1248 | < 0.531 |
| AROCLOR 1254 | 2.44 |
| AROCLOR 1260 | < 0.531 |
| TOTAL PCB RESULTS > PQL | 2.44 |

Northeast Analytical, Inc.

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ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
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CONTACT: JIM ORR

CUSTOMER ID: SV-642-18

NEA ID: 953499

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/11/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.534 |
| AROCLOR 1221 | < 0.534 |
| AROCLOR 1232 | < 0.534 |
| AROCLOR 1242 | < 0.534 |
| AROCLOR 1248 | < 0.534 |
| AROCLOR 1254 | 3.63 |
| AROCLOR 1260 | < 0.534 |
| TOTAL PCB RESULTS > PQL | 3.63 |

Northeast Analytical, Inc.

Robert E. Wagner

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JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-19

NEA ID: 953500

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/11/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 1.03 |
| AROCLOR 1221 | < 1.03 |
| AROCLOR 1232 | < 1.03 |
| AROCLOR 1242 | < 1.03 |
| AROCLOR 1248 | < 1.03 |
| AROCLOR 1254 | 8.30 |
| AROCLOR 1260 | < 1.03 |
| TOTAL PCB RESULTS > PQL | 8.30 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

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(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-20

NEA ID: 953501

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/22/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.109 |
| AROCLOR 1221 | < 0.109 |
| AROCLOR 1232 | < 0.109 |
| AROCLOR 1242 | < 0.109 |
| AROCLOR 1248 | < 0.109 |
| AROCLOR 1254 | 0.414 |
| AROCLOR 1260 | < 0.109 |
| TOTAL PCB RESULTS > PQL | 0.414 |

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-21

NEA ID: 953502

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/22/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.103 |
| AROCLOR 1221 | < 0.103 |
| AROCLOR 1232 | < 0.103 |
| AROCLOR 1242 | < 0.103 |
| AROCLOR 1248 | < 0.103 |
| AROCLOR 1254 | 0.224 |
| AROCLOR 1260 | < 0.103 |
| TOTAL PCB RESULTS > PQL | 0.224 |

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CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-22

NEA ID: 953503

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/11/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.112 |
| AROCLOR 1221 | < 0.112 |
| AROCLOR 1232 | < 0.112 |
| AROCLOR 1242 | < 0.112 |
| AROCLOR 1248 | < 0.112 |
| AROCLOR 1254 | 0.251 |
| AROCLOR 1260 | < 0.112 |
| TOTAL PCB RESULTS > PQL | 0.251 |

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CERTIFICATE OF ANALYSIS JUNE 1, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-23

NEA ID: 953504

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 0.276 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0.276 |

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CERTIFICATE OF ANALYSIS JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-24

NEA ID: 953505

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/11/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/g} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.109 |
| AROCLOR 1221 | < 0.109 |
| AROCLOR 1232 | < 0.109 |
| AROCLOR 1242 | < 0.109 |
| AROCLOR 1248 | < 0.109 |
| AROCLOR 1254 | 0.685 |
| AROCLOR 1260 | < 0.109 |
| TOTAL PCB RESULTS > PQL | 0.685 |

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CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SV-642-24 DUPLICATE NEA ID: 953505D
SAMPLE MATRIX: FISH DATE SAMPLED: 04/28/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 06/11/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.105 |
| AROCLOR 1221 | < 0.105 |
| AROCLOR 1232 | < 0.105 |
| AROCLOR 1242 | < 0.105 |
| AROCLOR 1248 | < 0.105 |
| AROCLOR 1254 | 0.599 |
| AROCLOR 1260 | < 0.105 |
| TOTAL PCB RESULTS > PQL | 0.599 |

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LABORATORY QUALITY ASSURANCE/QUALITY CONTROL

MAY 19, 1995

LABORATORY MATRIX SPIKE

| | | | |
|------------------|---|------|------|
| 953286 | = | 1.99 | µg/g |
| 953286MS | = | 19.2 | µg/g |
| AMOUNT SPIKED | = | 15.7 | µg/g |
| PERCENT RECOVERY | = | 109% | |

LABORATORY DUPLICATE

| | | | |
|--------------------|---|-------|------|
| 953286 | = | 3.12 | µg/g |
| 953286D | = | 3.08 | µg/g |
| PERCENT DIFFERENCE | = | 1.03% | |

LABORATORY METHOD BLANK

| | | | |
|------------|---|---------|------|
| 950503BF1E | = | < 0.110 | µg/g |
|------------|---|---------|------|

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William A. Wagner FOR REW
By: Robert E. Wagner
Laboratory Director

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LABORATORY QUALITY ASSURANCE/QUALITY CONTROL

MAY 23, 1995

LABORATORY MATRIX SPIKE

| | | | |
|------------------|---|------|------|
| 953318MS | = | 21 2 | µg/g |
| AMOUNT SPIKED | = | 19 1 | µg/g |
| PERCENT RECOVERY | = | 111% | |

LABORATORY DUPLICATE

| | | | |
|--------------------|---|-------|------|
| 953318 | = | 5 67 | µg/g |
| 953318D | = | 6 11 | µg/g |
| PERCENT DIFFERENCE | = | 7 47% | |

LABORATORY METHOD BLANK

| | | | |
|------------|---|---------|------|
| 950504BW1E | = | < 0 050 | µg/L |
| 950510BF1E | = | < 0.094 | µg/g |

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LABORATORY QUALITY ASSURANCE/QUALITY CONTROL

MAY 25, 1995

LABORATORY MATRIX SPIKE

| | | | |
|------------------|---|-------|------|
| 950512SW1E | = | 4 71 | µg/L |
| AMOUNT SPIKED | = | 4 95 | µg/L |
| PERCENT RECOVERY | = | 95 2% | |

LABORATORY METHOD BLANK

| | | | |
|------------|---|---------|------|
| 950512BW1E | = | < 0.050 | µg/L |
|------------|---|---------|------|

Northeast Analytical, Inc.

Robert E. Wagner
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LABORATORY QUALITY ASSURANCE/QUALITY CONTROL

MAY 25, 1995

| LABORATORY METHOD BLANK | | |
|-------------------------|---|-------------------------|
| 950504BW1E | = | < 0.050 $\mu\text{g/L}$ |
| 950510BF1E | = | < 0.094 $\mu\text{g/g}$ |

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Robert E. Wagner
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REW\KR\052595

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LABORATORY QUALITY ASSURANCE/QUALITY CONTROL

MAY 26, 1995

LABORATORY MATRIX SPIKE

| | | | |
|------------------|---|------|------|
| 953335 | = | 3 79 | µg/g |
| 953335MS | = | 23 9 | µg/g |
| AMOUNT SPIKED | = | 19 2 | µg/g |
| PERCENT RECOVERY | = | 105% | |

LABORATORY DUPLICATE

| | | | |
|--------------------|---|-------|------|
| 953335 | = | 6 24 | µg/g |
| 953335D | = | 6 95 | µg/g |
| PERCENT DIFFERENCE | = | 10 8% | |

LABORATORY METHOD BLANK

| | | | |
|------------|---|---------|------|
| 950512BF1E | = | < 0 089 | µg/g |
|------------|---|---------|------|

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LABORATORY QUALITY ASSURANCE/QUALITY CONTROL

MAY 30, 1995

LABORATORY MATRIX SPIKE

| | | | |
|------------------|---|-------|------|
| 953296 | = | 2.07 | µg/g |
| 953296MS | = | 20.0 | µg/g |
| AMOUNT SPIKED | = | 18.4 | µg/g |
| PERCENT RECOVERY | = | 97.4% | |

| | | | |
|------------------|---|-------|------|
| 953328 | = | 0.786 | µg/g |
| 953328MS | = | 19.9 | µg/g |
| AMOUNT SPIKED | = | 18.4 | µg/g |
| PERCENT RECOVERY | = | 104% | |

| | | | |
|------------------|---|-------|------|
| 953482 | = | 0.143 | µg/g |
| 953482MS | = | 18.2 | µg/g |
| AMOUNT SPIKED | = | 18.4 | µg/g |
| PERCENT RECOVERY | = | 98.1% | |

LABORATORY DUPLICATE

| | | | |
|--------------------|---|-------|------|
| 953296 | = | 3.52 | µg/g |
| 953296D | = | 3.05 | µg/g |
| PERCENT DIFFERENCE | = | 14.3% | |

| | | | |
|--------------------|---|-------|------|
| 953328 | = | 1.37 | µg/g |
| 953328D | = | 1.64 | µg/g |
| PERCENT DIFFERENCE | = | 17.9% | |

| | | | |
|--------------------|---|-------|------|
| 953482 | = | 0.516 | µg/g |
| 953482D | = | 0.579 | µg/g |
| PERCENT DIFFERENCE | = | 11.5% | |

LABORATORY METHOD BLANK

| | | | |
|------------|---|----------|------|
| 950522BF1E | = | < 0.0867 | µg/g |
|------------|---|----------|------|

Northeast Analytical, Inc.

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LABORATORY QUALITY ASSURANCE/QUALITY CONTROL

MAY 30, 1995

LABORATORY MATRIX SPIKE

| | | | |
|------------------|---|------|------|
| 953345 | = | 2 32 | µg/g |
| 953345MS | = | 22.4 | µg/g |
| AMOUNT SPIKED | = | 19.8 | µg/g |
| PERCENT RECOVERY | = | 101% | |

LABORATORY DUPLICATE

| | | | |
|--------------------|---|-------|------|
| 953345 | = | 4 28 | µg/g |
| 953345D | = | 4 00 | µg/g |
| PERCENT DIFFERENCE | = | 6.76% | |

LABORATORY METHOD BLANK

| | | | |
|------------|---|---------|------|
| 950517BF1E | = | < 0 106 | µg/g |
|------------|---|---------|------|

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LABORATORY QUALITY ASSURANCE/QUALITY CONTROL

JUNE 5, 1995

LABORATORY MATRIX SPIKE

| | | | |
|------------------|---|-------|------|
| 953432 | = | 0.837 | µg/g |
| 953432MS | = | 22.6 | µg/g |
| AMOUNT SPIKED | = | 19.5 | µg/g |
| PERCENT RECOVERY | = | 112% | |

| | | | |
|------------------|---|------|------|
| 953447 | = | 2.58 | µg/g |
| 953447MS | = | 23.5 | µg/g |
| AMOUNT SPIKED | = | 18.4 | µg/g |
| PERCENT RECOVERY | = | 114% | |

| | | | |
|------------------|---|-------|------|
| 953453 | = | 0.100 | µg/g |
| 953453MS | = | 19.3 | µg/g |
| AMOUNT SPIKED | = | 17.4 | µg/g |
| PERCENT RECOVERY | = | 110% | |

| | | | |
|------------------|---|------|------|
| 953463 | = | 4.72 | µg/g |
| 953463MS | = | 26.1 | µg/g |
| AMOUNT SPIKED | = | 19.4 | µg/g |
| PERCENT RECOVERY | = | 110% | |

LABORATORY DUPLICATE

| | | | |
|--------------------|---|-------|------|
| 953432 | = | 1.75 | µg/g |
| 953432D | = | 1.45 | µg/g |
| PERCENT DIFFERENCE | = | 18.8% | |

| | | | |
|--------------------|---|-------|------|
| 953447 | = | 4.96 | µg/g |
| 953447D | = | 5.06 | µg/g |
| PERCENT DIFFERENCE | = | 2.00% | |

| | | | |
|--------------------|---|-------|------|
| 953453 | = | 0.273 | µg/g |
| 953453D | = | 0.239 | µg/g |
| PERCENT DIFFERENCE | = | 13.3% | |

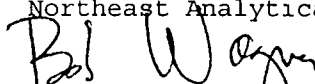
| | | | |
|--------------------|---|-------|------|
| 953463 | = | 7.77 | µg/g |
| 953463D | = | 7.49 | µg/g |
| PERCENT DIFFERENCE | = | 3.67% | |

LABORATORY METHOD BLANK

| | | | |
|------------|---|---------|------|
| 950524BF1E | = | < 0.104 | µg/g |
|------------|---|---------|------|

| | | | |
|------------|---|---------|------|
| 950524BF2E | = | < 0.103 | µg/g |
|------------|---|---------|------|

Northeast Analytical, Inc



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LABORATORY QUALITY ASSURANCE/QUALITY CONTROL

JUNE 14, 1995

LABORATORY MATRIX SPIKES

| | | | |
|------------------|---|-------|------|
| 953475 | = | 0.023 | µg/g |
| 953475MS | = | 20.8 | µg/g |
| AMOUNT SPIKED | = | 19.2 | µg/g |
| PERCENT RECOVERY | = | 108% | |

| | | | |
|------------------|---|-------|------|
| 953494 | = | 5.06 | µg/g |
| 953494MS | = | 21.5 | µg/g |
| AMOUNT SPIKED | = | 18.9 | µg/g |
| PERCENT RECOVERY | = | 87.0% | |

| | | | |
|------------------|---|-------|------|
| 953505 | = | 0.177 | µg/g |
| 953505MS | = | 20.7 | µg/g |
| AMOUNT SPIKED | = | 19.4 | µg/g |
| PERCENT RECOVERY | = | 106% | |

LABORATORY DUPLICATES

| | | | |
|--------------------|---|---------|------|
| 953475 | = | < 0.110 | µg/g |
| 953475D | = | 0.146 | µg/g |
| PERCENT DIFFERENCE | = | N/A | |

| | | | |
|--------------------|---|-------|------|
| 953494 | = | 7.77 | µg/g |
| 953494D | = | 7.67 | µg/g |
| PERCENT DIFFERENCE | = | 1.30% | |

| | | | |
|--------------------|---|-------|------|
| 953505 | = | 0.685 | µg/g |
| 953505D | = | 0.599 | µg/g |
| PERCENT DIFFERENCE | = | 13.4% | |

LABORATORY METHOD BLANK

| | | | |
|------------|---|---------|------|
| 950606BF1E | = | < 0.102 | µg/g |
|------------|---|---------|------|

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CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: WATER DATE SAMPLED: 04/25-28/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/17-20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|----------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| RINSE BLANK - 4/28 | 953533 | 05/17/95 | 75.9 | 93.8 |
| TRIP BLANK - 4/27 | 953534 | 05/20/95 | 63.0 | 85.2 |
| RINSE BLANK F.K. - 4/26 | 953535 | 05/20/95 | 82.0 | 101 |
| RINSE BLANK (SCALE - 4/27 | 953536 | 05/17/95 | 75.2 | 97.3 |
| TRIP BLANK - 4/26 | 953537 | 05/17/95 | 77.4 | 94.0 |
| RINSE BLANK (KNIFE) - 4/27 | 953538 | 05/17/95 | 79.9 | 101 |
| TRIP BLANK - 4/25 | 953539 | 05/18/95 | 84.3 | 100 |

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MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: RINSE BLANK (KNIFE) - 4/27 NEA ID: 953538
SAMPLE MATRIX: WATER DATE SAMPLED: 04/27/95 TIME: N/A
DATE RECEIVED: 05/03/95 TIME: 10:00 DATE TESTED: 05/17/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/L}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.050 |
| AROCLOR 1221 | < 0.050 |
| AROCLOR 1232 | < 0.050 |
| AROCLOR 1242 | < 0.050 |
| AROCLOR 1248 | < 0.050 |
| AROCLOR 1254 | < 0.050 |
| AROCLOR 1260 | < 0.050 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: RINSE BLANK (SCALE) - 4/27 NEA ID: 953536
SAMPLE MATRIX: WATER DATE SAMPLED: 04/27/95 TIME: N/A
DATE RECEIVED: 05/03/95 TIME: 10:00 DATE TESTED: 05/17/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/L}$ } |
|-------------------------|---------------------------------------|
| AROCOR 1016 | < 0.050 |
| AROCOR 1221 | < 0.050 |
| AROCOR 1232 | < 0.050 |
| AROCOR 1242 | < 0.050 |
| AROCOR 1248 | < 0.050 |
| AROCOR 1254 | < 0.050 |
| AROCOR 1260 | < 0.050 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: RINSE BLANK F.K. - 4/26 NEA ID: 953535
SAMPLE MATRIX: WATER DATE SAMPLED: 04/26/95 TIME: N/A
DATE RECEIVED: 05/03/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/L} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.050 |
| AROCLOR 1221 | < 0.050 |
| AROCLOR 1232 | < 0.050 |
| AROCLOR 1242 | < 0.050 |
| AROCLOR 1248 | < 0.050 |
| AROCLOR 1254 | < 0.050 |
| AROCLOR 1260 | < 0.050 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

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CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: RINSE BLANK - 4/28 NEA ID: 953533
SAMPLE MATRIX: WATER DATE SAMPLED: 04/28/95 TIME: N/A
DATE RECEIVED: 05/03/95 TIME: 10:00 DATE TESTED: 05/17/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/L}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.050 |
| AROCLOR 1221 | < 0.050 |
| AROCLOR 1232 | < 0.050 |
| AROCLOR 1242 | < 0.050 |
| AROCLOR 1248 | < 0.050 |
| AROCLOR 1254 | < 0.050 |
| AROCLOR 1260 | < 0.050 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.

Bl Wagner

By: Robert E. Wagner
Laboratory Director

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ENVIRONMENTAL LAB SERVICES

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CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: TRIP BLANK - 4/27

NEA ID: 953534

SAMPLE MATRIX: WATER

DATE SAMPLED: 04/27/95 TIME: N/A

DATE RECEIVED: 05/03/95 TIME: 10:00

DATE TESTED: 05/20/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/L}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.050 |
| AROCLOR 1221 | < 0.050 |
| AROCLOR 1232 | < 0.050 |
| AROCLOR 1242 | < 0.050 |
| AROCLOR 1248 | < 0.050 |
| AROCLOR 1254 | < 0.050 |
| AROCLOR 1260 | < 0.050 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.



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CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: TRIP BLANK - 4/26 NEA ID: 953537
SAMPLE MATRIX: WATER DATE SAMPLED: 04/26/95 TIME: N/A
DATE RECEIVED: 05/03/95 TIME: 10:00 DATE TESTED: 05/17/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/L} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.050 |
| AROCLOR 1221 | < 0.050 |
| AROCLOR 1232 | < 0.050 |
| AROCLOR 1242 | < 0.050 |
| AROCLOR 1248 | < 0.050 |
| AROCLOR 1254 | < 0.050 |
| AROCLOR 1260 | < 0.050 |
| TOTAL PCB RESULTS > PQL | 0 |

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CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: TRIP BLANK - 4/25

NEA ID: 953539

SAMPLE MATRIX: WATER

DATE SAMPLED: 04/25/95 TIME: N/A

DATE RECEIVED: 05/03/95 TIME: 10:00

DATE TESTED: 05/18/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/L}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.050 |
| AROCLOR 1221 | < 0.050 |
| AROCLOR 1232 | < 0.050 |
| AROCLOR 1242 | < 0.050 |
| AROCLOR 1248 | < 0.050 |
| AROCLOR 1254 | < 0.050 |
| AROCLOR 1260 | < 0.050 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS

MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110

BRENTWOOD, TN 37037

CONTACT: JIM ORR

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25-26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/24-25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|---------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-532-06 | 953282 | 05/24/95 | 107 | 101 |
| SV-532-12 | 953288 | 05/24/95 | 98.7 | 109 |
| SV-532-13 | 953289 | 05/24/95 | 94.9 | 103 |
| SV-532-14 | 953290 | 05/24/95 | 101 | 108 |
| SV-532-19 | 953295 | 05/24/95 | 95.6 | 116 |
| SV-532-27 | 953303 | 05/24/95 | 101 | 99.3 |
| SV-107-07 | 953310 | 05/24/95 | 96.3 | 102 |
| SV-107-22 | 953325 | 05/24/95 | 96.1 | 104 |
| SV-107-24 | 953327 | 05/24/95 | 96.8 | 80.1 |
| SV-107-27 | 953330 | 05/24/95 | 102 | 107 |
| SV-106-15 | 953345 | 05/24/95 | 92.4 | 94.8 |
| SV-106-15 DUPLICATE | 953345D | 05/24/95 | 98.1 | 105 |
| SV-106-15 MATRIX SPIKE | 953345S | 05/24/95 | 106 | 97.3 |
| SV-106-16 | 953346 | 05/24/95 | 91.4 | 103 |
| SV-106-19 | 953349 | 05/24/95 | 100 | 106 |

Northeast Analytical, Inc.

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CERTIFICATE OF ANALYSIS
JUNE 1, 1995

ERM SOUTHEAST, INC.
214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/25-26/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-532-20 | 953296 | 05/25/95 | 97.8 | 113 |
| SV-532-20 DUPLICATE | 953296D | 05/25/95 | 94.9 | 116 |
| SV-532-20 MATRIX SPIKE | 953296S | 05/25/95 | 108 | 88.8 |
| SV-107-25 | 953328 | 05/25/95 | 94.6 | 93.8 |
| SV-107-25 DUPLICATE | 953328D | 05/26/95 | 93.1 | 107 |
| SV-107-25 MATRIX SPIKE | 953328S | 05/26/95 | 111 | 116 |

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CERTIFICATE OF ANALYSIS
MAY 23, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25-26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/18-19/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|-----------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-532-01 | 953277 | 05/18/95 | 94.8 | 99.4 |
| SV-532-07 | 953283 | 05/18/95 | 98.1 | 109 |
| SV-532-09 | 953285 | 05/18/95 | 101 | 109 |
| SV-532-15 | 953291 | 05/18/95 | 91.9 | 94.4 |
| SV-532-16 | 953292 | 05/18/95 | 96.1 | 108 |
| SV-107-02 | 953305 | 05/18/95 | 97.8 | 102 |
| SV-107-04 | 953307 | 05/18/95 | 93.6 | 89.9 |
| SV-107-05 | 953308 | 05/18/95 | 98.9 | 109 |
| SV-107-06 | 953309 | 05/18/95 | 88.8 | 94.6 |
| SV-107-08 | 953311 | 05/18/95 | 89.4 | 83.0 |
| SV-107-10 | 953313 | 05/18/95 | 92.6 | 99.7 |
| SV-107-11 | 953314 | 05/18/95 | 92.7 | 103 |
| SV-107-12 | 953315 | 05/18/95 | 90.8 | 101 |
| SV-107-14 | 953317 | 05/18/95 | 92.2 | 98.6 |

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ENVIRONMENTAL LAB SERVICES

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(518) 346-4592 • FAX (518) 381-6055

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|---------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-107-15 | 953318 | 05/18/95 | 92.3 | 93.5 |
| SV-107-15 DUPLICATE | 953318D | 05/18/95 | 91.6 | 94.2 |
| SV-107-15 MATRIX SPIKE | 953318S | 05/18/95 | 102 | 95.8 |
| SV-106-01 | 953331 | 05/19/95 | 94.7 | 94.6 |
| SV-106-02 | 953332 | 05/19/95 | 101 | 101 |
| SV-106-03 | 953333 | 05/19/95 | 90.3 | 104 |
| SV-106-04 | 953334 | 05/19/95 | 103 | 112 |
| SV-106-06 | 953336 | 05/19/95 | 101 | 108 |

Northeast Analytical, Inc.



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Laboratory Director

NORTHEAST ANALYTICAL

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CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25-26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 05/20-21/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|---------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-106-05 | 953335 | 05/20/95 | 98.6 | 92.6 |
| SV-106-05 DUPLICATE | 953335D | 05/20/95 | 101 | 107 |
| SV-106-05 MATRIX SPIKE | 953335S | 05/21/95 | 109 | 105 |
| SV-106-07 | 953337 | 05/21/95 | 99.3 | 106 |
| SV-106-08 | 953338 | 05/21/95 | 99.3 | 107 |
| SV-106-09 | 953339 | 05/21/95 | 97.2 | 106 |
| SV-106-11 | 953341 | 05/21/95 | 102 | 109 |
| SV-106-12 | 953342 | 05/21/95 | 97.4 | 108 |

Northeast Analytical, Inc.

Robert E. Wagner

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Laboratory Director

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(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 19, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: FISH DATE SAMPLED: 04/25-26/95 TIME: N/A
DATE RECEIVED: 04/27/95 TIME: 10:30 DATE TESTED: 05/15-17/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|---------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-532-02 | 953278 | 05/15/95 | 89.1 | 95.9 |
| SV-532-03 | 953279 | 05/15/95 | 91.5 | 108 |
| SV-532-04 | 953280 | 05/15/95 | 96.0 | 108 |
| SV-532-05 | 953281 | 05/15/95 | 101 | 111 |
| SV-532-08 | 953284 | 05/16/95 | 91.0 | 101 |
| SV-532-10 | 953286 | 05/16/95 | 96.7 | 108 |
| SV-532-10 DUPLICATE | 953286D | 05/16/95 | 96.6 | 111 |
| SV-532-10 MATRIX SPIKE | 953286S | 05/16/95 | 102 | 104 |
| SV-532-11 | 953287 | 05/16/95 | 95.3 | 104 |
| SV-532-17 | 953293 | 05/16/95 | 93.8 | 102 |
| SV-532-18 | 953294 | 05/17/95 | 98.7 | 103 |
| SV-532-25 | 953301 | 05/16/95 | 100 | 89.0 |
| SV-107-01 | 953304 | 05/16/95 | 109 | 104 |
| SV-107-03 | 953306 | 05/16/95 | 95.4 | 102 |

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ENVIRONMENTAL LAB SERVICES

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(518) 346-4592 • FAX (518) 381-6055

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|-----------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-107-13 | 953316 | 05/16/95 | 93.9 | 104 |
| SV-107-16 | 953319 | 05/16/95 | 95.9 | 99.1 |
| SV-107-20 | 953323 | 05/16/95 | 99.9 | 87.0 |
| SV-107-26 | 953329 | 05/16/95 | 95.8 | 106 |
| SV-106-10 | 953340 | 05/16/95 | 92.0 | 98.2 |
| SV-106-13 | 953343 | 05/16/95 | 92.3 | 99.8 |
| SV-106-14 | 953344 | 05/16/95 | 97.8 | 102 |
| SV-106-17 | 953347 | 05/16/95 | 97.4 | 103 |
| SV-106-18 | 953348 | 05/16/95 | 102 | 92.3 |

Northeast Analytical, Inc.

William A. Wagner FOR REW

By: Robert E Wagner
Laboratory Director

NORTHEAST ANALYTICAL

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301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/25-26/95 TIME: N/A

DATE RECEIVED: 04/27/95 TIME: 10:30

DATE TESTED: 06/09-11/95

SAMPLED BY: N/A

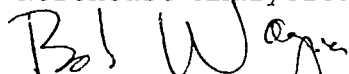
LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|-----------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-532-26 | 953302 | 06/09/95 | 97.1 | 104 |
| SV-107-09 | 953312 | 06/10/95 | 110 | 115 |
| SV-107-17 | 953320 | 06/11/95 | 94.6 | 107 |

Northeast Analytical, Inc.



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Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 5, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27-28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/30-06/01/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|---------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-106-20 | 953426 | 05/30/95 | 102 | 92.3 |
| SV-106-21 | 953427 | 05/30/95 | 98.5 | 101 |
| SV-106-23 | 953429 | 05/30/95 | 100 | 104 |
| SV-106-24 | 953430 | 05/30/95 | 104 | 99.0 |
| SV-535-02 | 953432 | 05/31/95 | 101 | 115 |
| SV-535-02 DUPLICATE | 953432D | 05/31/95 | 100 | 108 |
| SV-535-02 MATRIX SPIKE | 953432S | 05/31/95 | 114 | 107 |
| SV-535-03 | 953433 | 05/31/95 | 96.3 | 103 |
| SV-535-07 | 953437 | 05/31/95 | 107 | 96.7 |
| SV-535-08 | 953438 | 05/31/95 | 106 | 106 |
| SV-535-09 | 953439 | 05/31/95 | 105 | 108 |
| SV-535-14 | 953444 | 05/31/95 | 101 | 113 |
| SV-535-17 | 953447 | 05/31/95 | 100 | 105 |
| SV-535-17 DUPLICATE | 953447D | 05/31/95 | 106 | 112 |
| SV-535-17 MATRIX SPIKE | 953447S | 05/31/95 | 116 | 115 |

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|---------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-535-19 | 953449 | 05/31/95 | 105 | 112 |
| SV-535-20 | 953450 | 05/31/95 | 108 | 103 |
| SV-535-21 | 953451 | 05/31/95 | 105 | 94.5 |
| SV-535-23 | 953453 | 05/31/95 | 107 | 92.0 |
| SV-535-23 DUPLICATE | 953453D | 05/31/95 | 107 | 93.0 |
| SV-535-23 MATRIX SPIKE | 953453S | 05/31/95 | 113 | 107 |
| SV-641-01 | 953455 | 05/31/95 | 104 | 110 |
| SV-641-03 | 953457 | 05/31/95 | 99.9 | 104 |
| SV-641-04 | 953458 | 06/01/95 | 96.2 | 79.9 |
| SV-641-05 | 953459 | 06/01/95 | 107 | 102 |
| SV-641-07 | 953461 | 06/01/95 | 106 | 100 |
| SV-641-09 | 953463 | 06/01/95 | 111 | 105 |
| SV-641-09 DUPLICATE | 953463D | 06/01/95 | 105 | 105 |
| SV-641-09 MATRIX SPIKE | 953463S | 06/01/95 | 114 | 107 |
| SV-641-10 | 953464 | 06/01/95 | 99.7 | 110 |
| SV-641-11 | 953465 | 06/01/95 | 106 | 96.1 |

Northeast Analytical, Inc.

By: Robert E. Wagner
Laboratory Director

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|---------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-642-13 | 953494 | 06/10/95 | 98 9 | 105 |
| SV-642-13 DUPLICATE | 953494D | 06/10/95 | 108 | 108 |
| SV-642-13 MATRIX SPIKE | 953494S | 06/10/95 | 119 | 120 |
| SV-642-14 | 953495 | 06/10/95 | 108 | 106 |
| SV-642-15 | 953496 | 06/10/95 | 103 | 109 |
| SV-642-16 | 953497 | 06/11/95 | 93.7 | 105 |
| SV-642-17 | 953498 | 06/11/95 | 99.5 | 111 |
| SV-642-18 | 953499 | 06/11/95 | 98.6 | 109 |
| SV-642-19 | 953500 | 06/11/95 | 104 | 112 |
| SV-642-22 | 953503 | 06/11/95 | 99.4 | 108 |
| SV-642-24 | 953505 | 06/11/95 | 98.2 | 109 |
| SV-642-24 DUPLICATE | 953505D | 06/11/95 | 101 | 112 |
| SV-642-24 MATRIX SPIKE | 953505S | 06/11/95 | 107 | 109 |

Northeast Analytical, Inc.

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NORTHEAST ANALYTICAL

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301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 14, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27-28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 06/09-12/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|---------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-641-12 | 953466 | 06/10/95 | 97.9 | 104 |
| SV-641-13 | 953467 | 06/10/95 | 108 | 112 |
| SV-641-14 | 953468 | 06/10/95 | 89.6 | 103 |
| SV-641-16 | 953470 | 06/10/95 | 95.0 | 104 |
| SV-641-18 | 953472 | 06/10/95 | 94.0 | 103 |
| SV-641-21 | 953475 | 06/10/95 | 97.1 | 106 |
| SV-641-21 DUPLICATE | 953475D | 06/10/95 | 99.9 | 107 |
| SV-641-21 MATRIX SPIKE | 953475S | 06/10/95 | 113 | 114 |
| SV-641-27 | 953481 | 06/10/95 | 99.1 | 93.5 |
| SV-642-04 | 953485 | 06/10/95 | 99.5 | 109 |
| SV-642-05 | 953486 | 06/10/95 | 98.5 | 96.9 |
| SV-642-06 | 953487 | 06/12/95 | 88.1 | 110 |
| SV-642-10 | 953491 | 06/10/95 | 100 | 110 |
| SV-642-12 | 953493 | 06/10/95 | 104 | 110 |

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 26, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27-28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/21-22,25/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|-----------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-106-22 | 953428 | 05/21/95 | 102 | 99.5 |
| SV-535-06 | 953436 | 05/21/95 | 103 | 92.0 |
| SV-535-10 | 953440 | 05/21/95 | 100 | 89.7 |
| SV-535-11 | 953441 | 05/25/95 | 99.1 | 107 |
| SV-535-16 | 953446 | 05/21/95 | 95.6 | 99.9 |
| SV-641-02 | 953456 | 05/25/95 | 102 | 108 |
| SV-641-17 | 953471 | 05/21/95 | 103 | 100 |
| SV-641-20 | 953474 | 05/21/95 | 98.1 | 97.1 |
| SV-641-22 | 953476 | 05/21/95 | 106 | 87.9 |
| SV-641-24 | 953478 | 05/21/95 | 95.3 | 97.6 |
| SV-642-03 | 953484 | 05/21/95 | 103 | 97.7 |
| SV-642-07 | 953488 | 05/22/95 | 91.7 | 82.5 |
| SV-642-08 | 953489 | 05/22/95 | 94.7 | 77.9 |
| SV-642-20 | 953501 | 05/22/95 | 109 | 88.5 |
| SV-642-21 | 953502 | 05/22/95 | 104 | 109 |

Northeast Analytical, Inc.

Robert E. Wagner
By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

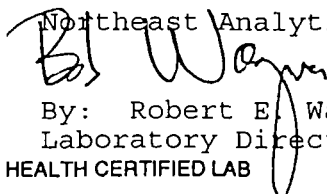
301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS JUNE 1, 1995

ERM SOUTHEAST, INC.
214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: FISH DATE SAMPLED: 04/27-28/95 TIME: N/A
DATE RECEIVED: 05/02/95 TIME: 10:10 DATE TESTED: 05/26-27/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|---------------------------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-535-04 | 953434 | 05/27/95 | 98.0 | 106 |
| SV-535-05 | 953435 | 05/26/95 | 94.3 | 87.6 |
| SV-535-12 | 953442 | 05/26/95 | 103 | 94.3 |
| SV-535-13 | 953443 | 05/26/95 | 103 | 104 |
| SV-535-15 | 953445 | 05/26/95 | 107 | 119 |
| SV-641-06 | 953460 | 05/26/95 | 103 | 93.2 |
| SV-641-08 | 953462 | 05/26/95 | 98.9 | 98.3 |
| SV-641-19 | 953473 | 05/27/95 | 95.5 | 100 |
| SV-641-23 | 953477 | 05/26/95 | 94.2 | 102 |
| SV-641-25 | 953479 | 05/26/95 | 95.1 | 82.6 |
| SV-642-01 | 953482 | 05/26/95 | 96.6 | 104 |
| SV-642-01 DUPLICATE | 953482D | 05/26/95 | 98.0 | 99.2 |
| SV-642-01 MATRIX SPIKE | 953482S | 05/26/95 | 108 | 104 |
| SV-642-02 | 953483 | 05/26/95 | 102 | 107 |
| SV-642-09 | 953490 | 05/26/95 | 97.9 | 105 |
| SV-642-11 | 953492 | 05/26/95 | 101 | 114 |
| SV-642-23 | 953504 | 05/26/95 | 102 | 100 |

Northeast Analytical, Inc.

By: Robert E. Wagner
Laboratory Director
NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS MAY 30, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: FISH

DATE SAMPLED: 04/27-28/95 TIME: N/A

DATE RECEIVED: 05/02/95 TIME: 10:10

DATE TESTED: 05/24-25/95

SAMPLED BY: N/A

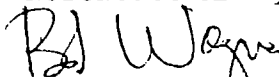
LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|-----------|---------------|----------------------|---------------------------------|---------------------------------|
| SV-535-01 | 953431 | 05/24/95 | 94.2 | 81.9 |
| SV-535-18 | 953448 | 05/25/95 | 111 | 108 |
| SV-535-22 | 953452 | 05/25/95 | 96.1 | 99.3 |
| SV-535-24 | 953454 | 05/25/95 | 100 | 86.1 |
| SV-641-15 | 953469 | 05/25/95 | 98.8 | 105 |
| SV-641-26 | 953480 | 05/25/95 | 103 | 82.9 |

Northeast Analytical, Inc.



By Robert E. Wagner
Laboratory Director

1.H Chain of Custody

Note: After the laboratory has received samples and signed the Chain of Custody Record, retain the yellow copy for 30 days. Send the white copy and express ticket to ERM-Southeast at the address shown.

ERM-SOUTHEAST, INC.
215 Centerville
Brentwood, TN 37027
(615) 373-3350

CHAIN OF CUSTODY RECORD

| PROJECT NAME | | PROJECT LOCATION | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | |
|-----------------------------|-----------------|------------------|--------------|--------------------------------|---|--|---|--------------|---|---|---|---|--|
| PROJECT NO | PROJECT CONTACT | PROJECT NO | TELEPHONE NO | A | B | C | D | E | F | G | H | I | |
| 4517 | Jim Duv | 6153733350 | 6153733350 | | | | | | | | | | |
| CLIENT REPRESENTATIVE | | | | PROJECT MANAGER | | | | | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | | | | | | | | |
| 953304 | 4/25/95 | | X | X | SV107-01 Fish | | | | | | | | |
| 953305 | 4/25 | | X | X | SV107-02 | | | | | | | | |
| 953306 | 4/25 | | X | X | SV107-03 | | | | | | | | |
| 953307 | 4/25 | | X | X | SV107-04 | | | | | | | | |
| 953308 | 4/25 | | X | X | SV107-05 | | | | | | | | |
| 953309 | 4/25 | | X | X | SV107-06 | | | | | | | | |
| 953310 | 4/25 | | X | X | SV107-07 | | | | | | | | |
| 953311 | 4/25 | | X | X | SV107-08 | | | | | | | | |
| 953312 | 4/25 | | X | X | SV107-09 | | | | | | | | |
| 953313 | 4/25 | | X | X | SV107-10 | | | | | | | | |
| 953314 | 4/25 | | X | X | SV107-11 | | | | | | | | |
| 953315 | 4/25 | | X | X | SV107-12 | | | | | | | | |
| 953316 | 4/25 | | X | X | SV107-13 | | | | | | | | |
| 953317 | 4/25 | | X | X | SV107-14 | | | | | | | | |
| 953318 | 4/25 | | X | X | SV107-15 Fish | | | | | | | | |
| Relinquished by (Signature) | | | | Date / Time | | Received by (Signature) | | Date / Time | | Received by (Signature) | | | |
| [Signature] | | | | 4/26/95 1330 | | [Signature] | | | | | | | |
| Relinquished by (Signature) | | | | Date / Time | | Received by (Signature) | | Date / Time | | Received by (Signature) | | | |
| | | | | | | | | | | | | | |
| Relinquished by (Signature) | | | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | |
| | | | | | | [Signature] | | 4/27/95 1030 | | Cooler #1 → 0°C Cooler #2 → -10°C FEP Ex # 3259074280 | | | |
| SAMPLERS (Signature) | | | | | | | | | | | | | |

While copy return to ERM yellow copy to lab pink copy to 5117

Note: After the laboratory has received samples and signed the Chain of Custody Record, retain the yellow copy for your files. Send the white copy and express ticket to ERM Southeast at the address shown.

ERM-SOUTHEAST, INC.
215 Centerville
Brentwood, TN 37027
(615) 373-3350

CHAIN OF CUSTODY RECORD

| PROJECT NAME | | PROJECT LOCATION | | PROJECT NO. | | TELEPHONE NO. | |
|-----------------------------|------|------------------|------|--|--|---|--------------------------------|
| CLIENT REPRESENTATIVE | | PROJECT CONTACT | | PROJECT NO. | | TELEPHONE NO. | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | NUMBER OF CONTAINERS | ANALYSES REQUESTED AND REMARKS |
| 953319 | 4-25 | | | X | SV107-16 | 1 | PCB's |
| 953320 | 4-25 | | | X | SV107-17 | 1 | |
| 953321 | 4-26 | CANC | | X | SV107-18 | 1 | |
| 953322 | | CANC | | X | SV107-19 | 1 | |
| 953323 | | | | X | SV107-20 | 1 | |
| 953324 | | CANC | | X | SV107-21 | 1 | |
| 953325 | | | | X | SV107-22 | 1 | |
| 953326 | | CANC | | X | SV107-23 | 1 | |
| 953327 | | | | X | SV107-24 | 1 | |
| 953328 | | | | X | SV107-25 + DWP | 1 | |
| 953329 | | | | X | SV107-26 | 1 | |
| 953330 | | | | X | SV107-27 | 1 | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Remarks | |
| | | | | 4/27/95 10:30 | | cooler #1 @ 0°C cooler #2 @ -10°C FED EX # 3259074280 | |
| SAMPLES (Signature) | | | | | | | |

While copy return to ERM yellow copy to lab pink copy to client

CHAIN OF STUDY RECORD

[illegible]

Note: After the laboratory has received samples and signed the Chain of Custody Record, retain the yellow copy for your files. Send the white copy and express ticket to ERM-Southeast at the address shown.

ERM-SOUTHEAST, INC.
215 Centerville
Brentwood, TN 37027
(615) 373-3350

CHAIN OF CUSTODY RECORD

| PROJECT NAME | | PROJECT LOCATION | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | | |
|-----------------------------|------|------------------|------|--|--|-------------|--|-----------------------------|--------------------------------|-------------------|--|-------------------------|--|--|--|
| PROJECT CONTACT | | PROJECT MANAGER | | NUMBER OF CONTAINERS | | | | | | | | | | | |
| CLIENT REPRESENTATIVE | | PROJECT MANAGER | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | | | | ANALYSES REQUESTED AND REMARKS | | | | | | |
| 953342 | 4/25 | | | X | SV106-12 | | | | PCB | | | | | | |
| 953343 | 4/26 | | | X | SV106-13 | | | | | | | | | | |
| 953344 | 4/26 | | | X | SV106-14 | | | | | | | | | | |
| 953345 | 4/26 | | | X | SV106-15 | | | | | | | | | | |
| 953346 | 4/26 | | | X | SV106-16 | | | | | | | | | | |
| 953347 | 4/26 | | | X | SV106-17 | | | | | | | | | | |
| 953348 | 4/26 | | | X | SV106-18 | | | | | | | | | | |
| 953349 | 4/26 | | | X | SV107-19 | | | | | | | | | | |
| Should be SV-106 | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | |
| [Signature] | | 4/26/95 1330 | | [Signature] | | | | [Signature] | | | | [Signature] | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | |
| [Signature] | | | | [Signature] | | | | [Signature] | | | | [Signature] | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | Cooler #1 @ 0°C | | Fed Ex # | | | |
| [Signature] | | | | [Signature] | | | | 4/27/95 1030 | | Cooler #2 @ -10°C | | 3259074280 | | | |

While copy return to ERM yellow copy to lab pink copy to SAT
5/19/95 5/26/95 5/11/95
5/22-23/95

CHAIN OF CODY RECORD

[illegible]

white copy return to ERM yellow copy to lab pink copy to SUR, "

CHAIN OF CUSTODY RECORD

... and ... has received samples and signed the Chain of Custody Record, retain this yellow copy for ... files. Send the white copy and express ticket to ERM-Southeast at the address shown

| PROJECT NAME | | PROJECT CONTACT | | PROJECT LOCATION | | TELEPHONE NO | | PROJECT MANAGER | | NUMBER OF CONTAINERS | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | | |
|-----------------------------|------|-----------------|------|--|--|---------------|-----------------|-----------------------------|----------------------|----------------------|--------------------------------|--------------------------------|--|-------------|--|-------------------------|--|--|--|--|--|--|--|
| CLIENT REPRESENTATIVE | | PROJECT CONTACT | | PROJECT LOCATION | | TELEPHONE NO | | PROJECT MANAGER | | NUMBER OF CONTAINERS | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | | PROJECT MANAGER | | NUMBER OF CONTAINERS | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | | | |
| 953277 | 4-26 | | | X | SV-532-01 | | Jim Orr | | 1 | | PCBs | | | | | | | | | | | | |
| 953278 | | | | X | SV-532-02 | | | | 1 | | | | | | | | | | | | | | |
| 953279 | | | | X | SV-532-03 | | | | 1 | | | | | | | | | | | | | | |
| 953280 | | | | X | SV-532-04 | | | | 1 | | | | | | | | | | | | | | |
| 953281 | | | | X | SV-532-05 | | | | 1 | | | | | | | | | | | | | | |
| 953282 | | | | X | SV-532-06 | | | | 1 | | | | | | | | | | | | | | |
| 953283 | | | | X | SV-532-07 | | | | 1 | | | | | | | | | | | | | | |
| 953284 | | | | X | SV-532-08 | | | | 1 | | | | | | | | | | | | | | |
| 953285 | | | | X | SV-532-09 | | | | 1 | | | | | | | | | | | | | | |
| 953286 | | | | X | SV-532-10 + Dup | | | | 1 | | | | | | | | | | | | | | |
| 953287 | | | | X | SV-532-11 | | | | 1 | | | | | | | | | | | | | | |
| 953288 | | | | X | SV-532-12 | | | | 1 | | | | | | | | | | | | | | |
| 953289 | | | | X | SV-532-13 | | | | 1 | | | | | | | | | | | | | | |
| 953290 | | | | X | SV-532-14 | | | | 1 | | | | | | | | | | | | | | |
| 953291 | | | | X | SV-532-15 | | | | 1 | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Received by (Signature) | | | | | | | |
| [Signature] | | 4/26/95 3:30 | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Received by (Signature) | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Date / Time | | Date / Time | | Remarks | | FED EX # | | 3259074280 | | | | | | | |
| | | | | [Signature] | | 4/27/95 10:30 | | | | | | | | | | | | | | | | | |
| SAMPLERS (Signature) | | | | | | | | | | | | | | | | | | | | | | | |

... and the laboratory has received samples and signed the Chain of Custody Record, retain the yellow copy for address shown to files. Send the white copy and express ticket to ERM-Southeast at the address shown.

ERM-SOUTHEAST, INC.
215 Centerville
Brentwood, TN 37027
(615) 373-3350

CHAIN OF CUSTODY RECORD

| PROJECT NAME | | PROJECT CONTACT | | PROJECT LOCATION | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | |
|-----------------------------|-----------------|-----------------|---------------|------------------|--|--------------------------------|---|--|---|--------------------------|---|--|---|-------------------------|--|
| PROJECT NO. | PROJECT CONTACT | PROJECT MANAGER | TELEPHONE NO. | | | A | B | C | D | E | F | G | H | I | |
| CLIENT REPRESENTATIVE | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | NUMBER OF CONTAINERS | | | | | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | | | | | | | | | | |
| 953292 | 4/26 | | | | SV 532 - 16 | 1 | | | | | | | | PCB | |
| 953293 | 4/26 | | | | SV 532 - 17 | 1 | | | | | | | | | |
| 953294 | 4/26 | | | | SV 532 - 18 | 1 | | | | | | | | | |
| 953295 | 4/26 | | | | SV 532 - 19 | 1 | | | | | | | | | |
| 953296 | 4/26 | +DUP | | | SV 532 - 20 | 1 | | | | | | | | | |
| 953297 | 4/26 | CANC. | | | SV 532 - 21 | 1 | | | | | | | | | |
| 953298 | 4/26 | CANC. | | | SV 532 - 22 | 1 | | | | | | | | | |
| 953299 | 4/26 | CANC. | | | SV 532 - 23 | 1 | | | | | | | | | |
| 953300 | 4/26 | CANC. | | | SV 532 - 24 | 1 | | | | | | | | | |
| 953301 | 4/26 | X | | | SV 532 - 25 | 1 | | | | | | | | | |
| 953302 | 4/26 | X | | | SV 532 - 26 | 1 | | | | | | | | | |
| 953303 | 4/26 | X | | | SV 532 - 27 | 1 | | | | | | | | | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Received by (Signature) | |
| [Signature] | | | | | | 4/26/95 330 | | | | | | | | | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Received by (Signature) | |
| [Signature] | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | | | | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | FED EX # | |
| [Signature] | | | | | | | | [Signature] | | 4/27/95 10 ³⁰ | | Cooler # 1 ⇒ 0°C Cooler # 2 ⇒ -10°C | | 3259014280 | |
| SAMPLERS (Signature) | | | | | | | | | | | | | | | |

White copy return to ERM. yellow copy to lab. pink copy to S.H.

Note: After the laboratory has received samples and signed the Chain of Custody Record, retain the yellow copy of Lab files. Send the white copy and express ticket to ERM-Southeast at the address shown

ERM-SOUTHERN
215 Center
Brentwood, TN
(615) 373-3350

CHAIN OF CUSTODY RECORD

| PROJECT NAME | | PROJECT LOCATION | | PROJECT CONTACT | | TELEPHONE NO | | PROJECT MANAGER | | ANALYSES REQUESTED AND REMARKS | |
|-----------------------------|------|------------------|------|--|--|----------------------|--------------------------------|-----------------------------|--|--------------------------------|--|
| PROJECT NO | | PROJECT CONTACT | | PROJECT MANAGER | | TELEPHONE NO | | PROJECT MANAGER | | ANALYSES REQUESTED AND REMARKS | |
| CLIENT REPRESENTATIVE | | PROJECT MANAGER | | PROJECT MANAGER | | PROJECT MANAGER | | PROJECT MANAGER | | ANALYSES REQUESTED AND REMARKS | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | NUMBER OF CONTAINERS | ANALYSES REQUESTED AND REMARKS | | | | |
| 953431 | 4-27 | | | X | SV-535-01 | 1 | PC B's | | | | |
| 953432 | | | | X | SV-535-02 | 1 | | | | | |
| 953433 | | | | X | SV-535-03 | 1 | | | | | |
| 953434 | | | | X | SV-535-04 | 1 | | | | | |
| 953435 | | | | X | SV-535-05 | 1 | | | | | |
| 953436 | | | | X | SV-535-06 | 1 | | | | | |
| 953437 | | | | X | SV-535-07 | 1 | | | | | |
| 953438 | | | | X | SV-535-08 | 1 | | | | | |
| 953439 | | | | X | SV-535-09 | 1 | | | | | |
| 953440 | | | | X | SV-535-10 | 1 | | | | | |
| 953441 | | | | X | SV-535-11 | 1 | | | | | |
| 953442 | | | | X | SV-535-12 | 1 | | | | | |
| 953443 | | | | X | SV-535-13 | 1 | | | | | |
| 953444 | | | | X | SV-535-14 | 1 | | | | | |
| 953445 | | | | X | SV-535-15 | 1 | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Received by (Signature) | |
| Photo Care | | 4-27 1600 | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Received by (Signature) | |
| | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | |
| | | | | M. Garfield | | 5/2/95 10:10 | | Cooler Temp - 20C | | | |
| Fed EX 3680647250 | | | | | | | | | | | |

White copy return to ERM yellow copy to lab pink copy to sam

CHAIN OF CODY RECORD

[illegible]

White copy return to ERM, yellow copy to lab pink copy to support

Note: After the laboratory has received samples and signed the Chain of Custody Record, retain the yellow copy for lab files. Send the white copy and express ticket to ERM-Southeast at the address shown.

ERM-SOUTHEAST, INC.
215 Centerville
Brentwood, TN 37027
(615) 373-3350

CHAIN OF CUSTODY RECORD

| PROJECT NAME | | PROJECT LOCATION | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | |
|-----------------------------|-----------------|------------------|-----------------|--------------------------------|---|--|---|--------------|----------------------|-------------------------|---|---|--|
| PROJECT NO | PROJECT CONTACT | TELEPHONE NO | PROJECT MANAGER | A | B | C | D | E | F | G | H | I | |
| 4517 | Jim Orr | 615 373-3350 | Jim Orr | Duplicate | | | | | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | | | | NUMBER OF CONTAINERS | | | | |
| 953455 | 4-28 | | | X | SV-641-01 | 1 | | | | | | | |
| 953456 | | | | X | SV-641-02 | 1 | | | | | | | |
| 953457 | | | | X | SV-641-03 | 1 | | | | | | | |
| 953458 | | | | X | SV-641-04 | 1 | | | | | | | |
| 953459 | | | | X | SV-641-05 | 1 | | | | | | | |
| 953460 | | | | X | SV-641-06 | 1 | | | | | | | |
| 953461 | | | | X | SV-641-07 | 1 | | | | | | | |
| 953462 | | | | X | SV-641-08 | 1 | | | | | | | |
| 953463 | | | | X | SV-641-09 | 1 | | | | | | | |
| 953464 | | | | X | SV-641-10 | 1 | | | | | | | |
| 953465 | | | | X | SV-641-11 | 1 | | | | | | | |
| 953466 | | | | X | SV-641-12 | 1 | | | | | | | |
| 953467 | | | | X | SV-641-13 | 1 | | | | | | | |
| 953468 | | | | X | SV-641-14 | 1 | | | | | | | |
| 953469 | | | | X | SV-641-15 | 1 | | | | | | | |
| Relinquished by (Signature) | | | | Date / Time | | Received by (Signature) | | Date / Time | | Received by (Signature) | | | |
| [Signature] | | | | 5-1-95/1600 | | | | | | | | | |
| Relinquished by (Signature) | | | | Date / Time | | Received by (Signature) | | Date / Time | | Received by (Signature) | | | |
| | | | | | | | | | | | | | |
| Relinquished by (Signature) | | | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | |
| | | | | | | [Signature] | | 5/2/95 10:10 | | Cooler Temp - 2°C | | | |
| SAMPLERS (Signature) | | | | | | | | | | | | | |

White copy return to ERM yellow copy to lab pink copy to S.H.

Fed Ex 368047250

Note: After the laboratory has received the yellow copy of Lab files, send the address shown to ERM-SOUTHERN, INC. 215 Centerville Road, Brentwood, TN 37027 (615) 373-3350

CHAIN OF CUSTODY RECORD

| | | | | | | | | | | | | | | | | | | |
|-------------------------------|------|-----------------------------------|------|--|--|--------------------------------|--|-----------------------------|--|-----------------|--|-------------------------|--|--|--|--|--|--|
| PROJECT NAME Schlum | | PROJECT LOCATION | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | | | | | |
| PROJECT NO 4517 | | PROJECT CONTACT Jim Orr | | TELEPHONE NO 615-373-3350 | | CONTAINERS | | | | | | | | | | | | |
| CLIENT REPRESENTATIVE | | PROJECT MANAGER Jim Orr | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | | | |
| 953470 | 4-28 | | | X | SV-641-16 | PCB'S | | | | | | | | | | | | |
| 953471 | | | | X | SV-641-17 | | | | | | | | | | | | | |
| 953472 | | | | X | SV-641-18 | | | | | | | | | | | | | |
| 953473 | | | | X | SV-641-19 | | | | | | | | | | | | | |
| 953474 | | | | X | SV-641-20 | | | | | | | | | | | | | |
| 953475 | | | | X | SV-641-21 | | | | | | | | | | | | | |
| 953476 | | | | X | SV-641-22 | | | | | | | | | | | | | |
| 953477 | | | | X | SV-641-23 | | | | | | | | | | | | | |
| 953478 | | | | X | SV-641-24 | | | | | | | | | | | | | |
| 953479 | | | X | | SV-641-25 | | | | | | | | | | | | | |
| 953480 | | | X | | SV-641-26 | | | | | | | | | | | | | |
| 953481 | | | X | | SV-641-27 | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | |
| <i>Debra Sawatzki</i> | | 5-1-95/1600 | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | Date / Time | | Remarks | | | | | | |
| | | | | <i>M. V. Vard</i> | | | | 5/2/95 10:10 | | Cool Temp - 2°C | | SAMPLERS (Signature) | | | | | | |

While copy return to ERM, yellow copy to lab, pink copy to S.M.T.

FLB EX 3680647250

Note: After the laboratory has received the yellow copy of Lab files Send the address shown

I signed the Chain of Custody Record, retain the yellow copy of Lab files Send the address shown

CHAIN OF CUSTODY RECORD

ERM-SOUTHERN, INC.
215 Centerville
Brentwood, TN (615) 373-3350

| PROJECT NAME | | PROJECT CONTACT | | PROJECT LOCATION | | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | | |
|-----------------------------|------|-----------------|------|--|---|--------------------------------|---|-----------------------------|--|-------------|--|-------------------------|--|--|--|--|--|
| PROJECT NO | | PROJECT CONTACT | | TELEPHONE NO | | | | | | | | | | | | | |
| CLIENT REPRESENTATIVE | | PROJECT MANAGER | | PROJECT MANAGER | | | | | | | | | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | NUMBER OF CONTAINERS | | | | | | | | | | | |
| 953482 | 4-27 | | | X | SV-642-01 + DUP | 1 | X | PCBS | | | | | | | | | |
| 953483 | | | | X | SV-642-02 | 1 | | | | | | | | | | | |
| 953484 | | | | X | SV-642-03 | 1 | | | | | | | | | | | |
| 953485 | | | | X | SV-642-04 | 1 | | | | | | | | | | | |
| 953486 | | | | X | SV-642-05 | 1 | | | | | | | | | | | |
| 953487 | | | | X | SV-642-06 | 1 | | | | | | | | | | | |
| 953488 | | | | X | SV-642-07 | 1 | | | | | | | | | | | |
| 953489 | | | | X | SV-642-08 | 1 | | | | | | | | | | | |
| 953490 | | | | X | SV-642-09 | 1 | | | | | | | | | | | |
| 953491 | | | | X | SV-642-10 | 1 | | | | | | | | | | | |
| 953492 | 4-28 | | | X | SV-642-11 | 1 | | | | | | | | | | | |
| 953493 | | | | X | SV-642-12 | 1 | | | | | | | | | | | |
| 953494 | | | | X | SV-642-13 | 1 | X | | | | | | | | | | |
| 953495 | | | | X | SV-642-14 | 1 | | | | | | | | | | | |
| 953496 | | | | X | SV-642-15 | 1 | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | |
| [Signature] | | 5-1-95/1600 | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | |
| | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | | | | | | | |
| | | | | [Signature] | | 5/2/95 10:10 | | Cooler Temp - 2°C | | | | | | | | | |
| SAMPLERS (Signature) | | | | | | | | | | | | | | | | | |

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CHAIN OF COLDY RECORD

[illegible]

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Note After the laboratory has received samples and signed the Chain of Custody Record, retain the yellow copy for the lab files. Send the white copy and express ticket to ERM Southeast at the address shown.

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215 Centerview Drive
Brentwood, TN 37027
(615) 373-3350

CHAIN OF CUSTODY RECORD

| PROJECT NAME | | PROJECT LOCATION | | CONTAINERS | | | | | | | | | | | | | ANALYSES REQUESTED AND REMARKS | | |
|-----------------------------|-----------------|------------------|-----------------|-------------|--|--|--|--|--|--|--|--------------|--|--|--|--|--------------------------------|---|---|
| PROJECT NO | PROJECT CONTACT | TELEPHONE NO | PROJECT MANAGER | NUMBER OF | | | | | | | | | | | | | | | |
| CLIENT REPRESENTATIVE | | | | | | | | | | | | | | | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | | | | | | | | | | | | | | |
| | 4/28 | | | X | Trip Blank - 4/28 | | | | | | | | | | | | | 1 | <div>PCB's</div> <div>(Broken)</div> <div>Client Does Not want Analyzed</div> |
| 953533 | 4/28 | | | X | Rinse Blank - 4/28 | | | | | | | | | | | | | 1 | |
| 953534 | 4/27 | | | X | Trip Blank - 4/27 | | | | | | | | | | | | | 1 | |
| 953535 | 4/26 | | | X | Rinse Blank F.K. - 4/26 | | | | | | | | | | | | | 1 | |
| 953536 | 4/27 | | | X | Rinse Blank (scale) - 4-27 | | | | | | | | | | | | | 1 | |
| 953537 | 4/26 | | | X | Trip Blank - 4/26 | | | | | | | | | | | | | 1 | |
| 953538 | 4/27 | | | X | Rinse Blank (knife) - 4/27 | | | | | | | | | | | | | 1 | |
| 953539 | 4/25 | | | X | Trip Blank - 4/25 | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | | | Date / Time | | | | Received by (Signature) | | | | Date / Time | | | | Received by (Signature) | | | |
| [Signature] | | | | 5-1-95 1600 | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | | | Date / Time | | | | Received by (Signature) | | | | Date / Time | | | | Received by (Signature) | | | |
| | | | | | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | | | Date / Time | | | | Received for Laboratory by (Signature) | | | | Date / Time | | | | Remarks | | | |
| | | | | | | | | [Signature] | | | | 5/3/95 10:00 | | | | Fed EX # 8627561415 Cooler Temp 10 °C | | | |
| SAMPLERS (Signature) | | | | | | | | | | | | | | | | | | | |

White copy*Return to ERM, yellow copy to lab, pink copy to sampler

ATTACHMENT II

Sediment Analytical Data
Lake Hartwell
May 1995

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD001

NEA ID: 953859

SAMPLE MATRIX: SLURRY

DATE SAMPLED: 05/09/95 TIME: N/A

DATE RECEIVED: 05/11/95 TIME: 10:00

DATE TESTED: 05/20/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.118 |
| AROCLOR 1221 | < 0.118 |
| AROCLOR 1232 | < 0.118 |
| AROCLOR 1242 | < 0.118 |
| AROCLOR 1248 | 0.501 |
| AROCLOR 1254 | 0.320 |
| AROCLOR 1260 | < 0.118 |
| TOTAL PCB RESULTS > PQL | 0.821 |

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

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CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD002 NEA ID: 953858
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.166 |
| AROCLOR 1221 | < 0.166 |
| AROCLOR 1232 | < 0.166 |
| AROCLOR 1242 | < 0.166 |
| AROCLOR 1248 | 1.43 |
| AROCLOR 1254 | 0.887 |
| AROCLOR 1260 | < 0.166 |
| TOTAL PCB RESULTS > PQL | 2.32 |

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Robert E. Wagner
By: Robert E. Wagner
Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS

JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD003 NEA ID: 953848
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.118 |
| AROCLOR 1221 | < 0.118 |
| AROCLOR 1232 | < 0.118 |
| AROCLOR 1242 | < 0.118 |
| AROCLOR 1248 | < 0.118 |
| AROCLOR 1254 | < 0.118 |
| AROCLOR 1260 | < 0.118 |
| TOTAL PCB RESULTS > PQL | 0 |

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By: Robert E. Wagner
Laboratory Director

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JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD004 NEA ID: 953850
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.114 |
| AROCLOR 1221 | < 0.114 |
| AROCLOR 1232 | 0.373 |
| AROCLOR 1242 | < 0.114 |
| AROCLOR 1248 | 0.786 |
| AROCLOR 1254 | 0.376 |
| AROCLOR 1260 | < 0.114 |
| TOTAL PCB RESULTS > PQL | 1.54 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

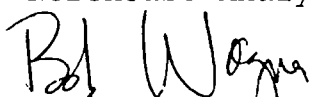
CUSTOMER ID: SD005 NEA ID: 953838
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/19/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.124 |
| AROCLOR 1221 | < 0.124 |
| AROCLOR 1232 | 0.151 |
| AROCLOR 1242 | < 0.124 |
| AROCLOR 1248 | 0.222 |
| AROCLOR 1254 | 0.149 |
| AROCLOR 1260 | < 0.124 |
| TOTAL PCB RESULTS > PQL | 0.522 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD006 NEA ID: 953844
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/19/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.126 |
| AROCLOR 1221 | < 0.126 |
| AROCLOR 1232 | 0.739 |
| AROCLOR 1242 | < 0.126 |
| AROCLOR 1248 | < 0.126 |
| AROCLOR 1254 | 0.204 |
| AROCLOR 1260 | < 0.126 |
| TOTAL PCB RESULTS > PQL | 0.943 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD007 NEA ID: 953839
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/19/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.120 |
| AROCLOR 1221 | < 0.120 |
| AROCLOR 1232 | 1.30 |
| AROCLOR 1242 | < 0.120 |
| AROCLOR 1248 | < 0.120 |
| AROCLOR 1254 | 0.277 |
| AROCLOR 1260 | < 0.120 |
| TOTAL PCB RESULTS > PQL | 1.58 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

Northeast Analytical, Inc.

Robert E. Wagner
By: Robert E. Wagner
Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

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ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS

JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD008 NEA ID: 953849
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/g} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.164 |
| AROCLOR 1221 | < 0.164 |
| AROCLOR 1232 | 1.97 |
| AROCLOR 1242 | < 0.164 |
| AROCLOR 1248 | < 0.164 |
| AROCLOR 1254 | 1.12 |
| AROCLOR 1260 | < 0.164 |
| TOTAL PCB RESULTS > PQL | 3.09 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

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(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD008 DUP

NEA ID: 953857

SAMPLE MATRIX: SLURRY

DATE SAMPLED: 05/09/95 TIME: N/A

DATE RECEIVED: 05/11/95 TIME: 10:00

DATE TESTED: 05/20/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.162 |
| AROCLOR 1221 | < 0.162 |
| AROCLOR 1232 | 1.91 |
| AROCLOR 1242 | < 0.162 |
| AROCLOR 1248 | < 0.162 |
| AROCLOR 1254 | 1.13 |
| AROCLOR 1260 | < 0.162 |
| TOTAL PCB RESULTS > PQL | 3.04 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

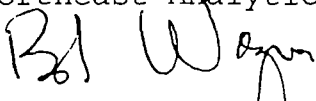
CUSTOMER ID: SD009 NEA ID: 953854
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.196 |
| AROCLOR 1221 | < 0.196 |
| AROCLOR 1232 | 2.36 |
| AROCLOR 1242 | < 0.196 |
| AROCLOR 1248 | < 0.196 |
| AROCLOR 1254 | 1.30 |
| AROCLOR 1260 | < 0.196 |
| TOTAL PCB RESULTS > PQL | 3.66 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

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CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

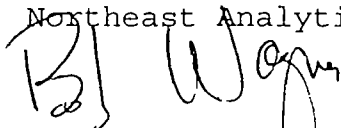
CUSTOMER ID: SD010 NEA ID: 953847
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.657 |
| AROCLOR 1221 | < 0.657 |
| AROCLOR 1232 | 7.06 |
| AROCLOR 1242 | < 0.657 |
| AROCLOR 1248 | < 0.657 |
| AROCLOR 1254 | 1.50 |
| AROCLOR 1260 | < 0.657 |
| TOTAL PCB RESULTS > PQL | 8.56 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

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CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD011 NEA ID: 953843
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/19/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.970 |
| AROCLOR 1221 | < 0.970 |
| AROCLOR 1232 | 14.8 |
| AROCLOR 1242 | < 0.970 |
| AROCLOR 1248 | < 0.970 |
| AROCLOR 1254 | 2.21 |
| AROCLOR 1260 | < 0.970 |
| TOTAL PCB RESULTS > PQL | 16.0 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

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CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD012 NEA ID: 953842
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/19/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.812 |
| AROCLOR 1221 | < 0.812 |
| AROCLOR 1232 | 9.37 |
| AROCLOR 1242 | < 0.812 |
| AROCLOR 1248 | < 0.812 |
| AROCLOR 1254 | 1.32 |
| AROCLOR 1260 | < 0.812 |
| TOTAL PCB RESULTS > PQL | 10.7 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

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CERTIFICATE OF ANALYSIS JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD012 DUP

NEA ID: 953841

SAMPLE MATRIX: SLURRY

DATE SAMPLED: 05/09/95 TIME: N/A

DATE RECEIVED: 05/11/95 TIME: 10:00

DATE TESTED: 05/19/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

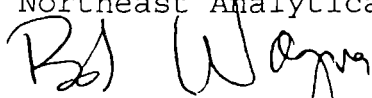
LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.768 |
| AROCLOR 1221 | < 0.768 |
| AROCLOR 1232 | 11.6 |
| AROCLOR 1242 | < 0.768 |
| AROCLOR 1248 | < 0.768 |
| AROCLOR 1254 | 1.69 |
| AROCLOR 1260 | < 0.768 |
| TOTAL PCB RESULTS > PQL | 13.3 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

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JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD013 NEA ID: 953846
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/08/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/19/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 1.03 |
| AROCLOR 1221 | < 1.03 |
| AROCLOR 1232 | 20.9 |
| AROCLOR 1242 | < 1.03 |
| AROCLOR 1248 | < 1.03 |
| AROCLOR 1254 | 2.42 |
| AROCLOR 1260 | < 1.03 |
| TOTAL PCB RESULTS > PQL | 23.3 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

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JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD014 NEA ID: 953851
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/08/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION {µg/g} |
|-------------------------|--------------------------|
| AROCLOR 1016 | < 0.306 |
| AROCLOR 1221 | < 0.306 |
| AROCLOR 1232 | 1.35 |
| AROCLOR 1242 | < 0.306 |
| AROCLOR 1248 | < 0.306 |
| AROCLOR 1254 | 0.347 |
| AROCLOR 1260 | < 0.306 |
| TOTAL PCB RESULTS > PQL | 1.70 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

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JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110

BRENTWOOD, TN 37037

CONTACT: JIM ORR

CUSTOMER ID: SD015

NEA ID: 953840

SAMPLE MATRIX: SLURRY

DATE SAMPLED: 05/08/95 TIME: N/A

DATE RECEIVED: 05/11/95 TIME: 10:00

DATE TESTED: 05/19/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.371 |
| AROCLOR 1221 | < 0.371 |
| AROCLOR 1232 | < 0.371 |
| AROCLOR 1242 | < 0.371 |
| AROCLOR 1248 | < 0.371 |
| AROCLOR 1254 | 0.678 |
| AROCLOR 1260 | < 0.371 |
| TOTAL PCB RESULTS > PQL | 0.678 |

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CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD106 NEA ID: 953845
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/08/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/19/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.307 |
| AROCLOR 1221 | < 0.307 |
| AROCLOR 1232 | 6.76 |
| AROCLOR 1242 | < 0.307 |
| AROCLOR 1248 | < 0.307 |
| AROCLOR 1254 | 2.16 |
| AROCLOR 1260 | < 0.307 |
| TOTAL PCB RESULTS > PQL | 8.92 |

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

Northeast Analytical, Inc.



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CERTIFICATE OF ANALYSIS JUNE 8, 1995

ERM SOUTHEAST, INC.
214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD532 NEA ID: 953852
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

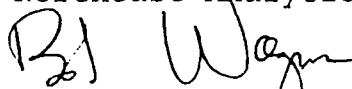
SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.292 |
| AROCLOR 1221 | < 0.292 |
| AROCLOR 1232 | 0.356 |
| AROCLOR 1242 | < 0.292 |
| AROCLOR 1248 | < 0.292 |
| AROCLOR 1254 | 0.222 J |
| AROCLOR 1260 | < 0.292 |
| TOTAL PCB RESULTS > PQL | 0.578 |

J - Indicates an estimated value. The analyte was detected in the sample at a concentration greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL).

NOTE: Aroclor 1232 is being used to report altered Aroclor pattern exhibited by sample. Actual Aroclor 1232 is not present in sample. PCB present in sample has undergone anaerobic dechlorination.

Northeast Analytical, Inc.



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JUNE 8, 1995

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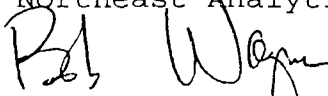
214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD535 NEA ID: 953855
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.282 |
| AROCLOR 1221 | < 0.282 |
| AROCLOR 1232 | < 0.282 |
| AROCLOR 1242 | < 0.282 |
| AROCLOR 1248 | 1.39 |
| AROCLOR 1254 | 0.444 |
| AROCLOR 1260 | < 0.282 |
| TOTAL PCB RESULTS > PQL | 1.83 |

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JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD642 NEA ID: 953853
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { μ g/g} |
|-------------------------|--------------------------------|
| AROCLOR 1016 | < 0.481 |
| AROCLOR 1221 | < 0.481 |
| AROCLOR 1232 | < 0.481 |
| AROCLOR 1242 | < 0.481 |
| AROCLOR 1248 | < 0.481 |
| AROCLOR 1254 | < 0.481 |
| AROCLOR 1260 | < 0.481 |
| TOTAL PCB RESULTS > PQL | 0 |

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CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: SD641 NEA ID: 953856
SAMPLE MATRIX: SLURRY DATE SAMPLED: 05/10/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/20/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/g}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.258 |
| AROCLOR 1221 | < 0.258 |
| AROCLOR 1232 | < 0.258 |
| AROCLOR 1242 | < 0.258 |
| AROCLOR 1248 | < 0.258 |
| AROCLOR 1254 | < 0.258 |
| AROCLOR 1260 | < 0.258 |
| TOTAL PCB RESULTS > PQL | 0 |

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CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: WATER DATE SAMPLED: 05/08-09/95 TIME: N/A
DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/23/95
SAMPLED BY: N/A LOCATION: SCHLUM, PROJECT #4517
CUSTOMER PO#: N/A LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|-------------|---------------|----------------------|---------------------------------|---------------------------------|
| RINSE BLANK | 953834 | 05/23/95 | 74.6 | 100 |
| TRIP BLANK | 953835 | 05/23/95 | 63.7 | 93.0 |
| RINSE BLANK | 953836 | 05/23/95 | 83.7 | 72.6 |
| TRIP BLANK | 953837 | 05/23/95 | 74.1 | 80.2 |

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CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: RINSE BLANK

NEA ID: 953836

SAMPLE MATRIX: WATER

DATE SAMPLED: 05/09/95 TIME: N/A

DATE RECEIVED: 05/11/95 TIME: 10:00

DATE TESTED: 05/23/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/L}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.055 |
| AROCLOR 1221 | < 0.055 |
| AROCLOR 1232 | < 0.055 |
| AROCLOR 1242 | < 0.055 |
| AROCLOR 1248 | < 0.055 |
| AROCLOR 1254 | < 0.055 |
| AROCLOR 1260 | < 0.055 |
| TOTAL PCB RESULTS > PQL | 0 |

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CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: TRIP BLANK

NEA ID: 953835

SAMPLE MATRIX: WATER

DATE SAMPLED: 05/08/95 TIME: N/A

DATE RECEIVED: 05/11/95 TIME: 10:00

DATE TESTED: 05/23/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/L}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.052 |
| AROCLOR 1221 | < 0.052 |
| AROCLOR 1232 | < 0.052 |
| AROCLOR 1242 | < 0.052 |
| AROCLOR 1248 | < 0.052 |
| AROCLOR 1254 | < 0.052 |
| AROCLOR 1260 | < 0.052 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

NY STATE DEPARTMENT OF HEALTH CERTIFIED LAB

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: TRIP BLANK

NEA ID: 953837

SAMPLE MATRIX: WATER

DATE SAMPLED: 05/09/95 TIME: N/A

DATE RECEIVED: 05/11/95 TIME: 10:00

DATE TESTED: 05/23/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/L}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.054 |
| AROCLOR 1221 | < 0.054 |
| AROCLOR 1232 | < 0.054 |
| AROCLOR 1242 | < 0.054 |
| AROCLOR 1248 | < 0.054 |
| AROCLOR 1254 | < 0.054 |
| AROCLOR 1260 | < 0.054 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.



By: Robert E. Wagner
Laboratory Director

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CERTIFICATE OF ANALYSIS
MAY 25, 1995

ERM SOUTHEAST, INC.

214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

CUSTOMER ID: RINSE BLANK

NEA ID: 953834

SAMPLE MATRIX: WATER

DATE SAMPLED: 05/08/95 TIME: N/A

DATE RECEIVED: 05/11/95 TIME: 10:00

DATE TESTED: 05/23/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

SW-846 METHOD 8080: POLYCHLORINATED BIPHENYLS

| AROCLOR IDENTIFICATION | PCB CONCENTRATION { $\mu\text{g/L}$ } |
|-------------------------|---------------------------------------|
| AROCLOR 1016 | < 0.053 |
| AROCLOR 1221 | < 0.053 |
| AROCLOR 1232 | < 0.053 |
| AROCLOR 1242 | < 0.053 |
| AROCLOR 1248 | < 0.053 |
| AROCLOR 1254 | < 0.053 |
| AROCLOR 1260 | < 0.053 |
| TOTAL PCB RESULTS > PQL | 0 |

Northeast Analytical, Inc.

Robert E. Wagner

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

CERTIFICATE OF ANALYSIS
JUNE 8, 1995

ERM SOUTHEAST, INC.
214 CENTERVIEW DRIVE, SUITE 110
BRENTWOOD, TN 37037
CONTACT: JIM ORR

SAMPLE MATRIX: SLURRY

DATE SAMPLED: 05/08-10/95 TIME: N/A

DATE RECEIVED: 05/11/95 TIME: 10:00 DATE TESTED: 05/19-20/95

SAMPLED BY: N/A

LOCATION: SCHLUM, PROJECT #4517

CUSTOMER PO#: N/A

LAB ELAP #: #11078

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|-----------|---------------|----------------------|---------------------------------|---------------------------------|
| SD005 | 953838 | 05/19/95 | 98.4 | 99.0 |
| SD007 | 953839 | 05/19/95 | 98.0 | 91.6 |
| SD015 | 953840 | 05/19/95 | 101 | 78.8 |
| SD012 DUP | 953841 | 05/19/95 | 84.4 | 89.8 |
| SD012 | 953842 | 05/19/95 | 90.8 | 98.0 |
| SD011 | 953843 | 05/19/95 | 90.7 | 99.8 |
| SD006 | 953844 | 05/19/95 | 95.2 | 94.6 |
| SD106 | 953845 | 05/19/95 | 100 | 72.5 |
| SD013 | 953846 | 05/19/95 | 93.7 | 101 |
| SD010 | 953847 | 05/20/95 | 94.6 | 99.6 |
| SD003 | 953848 | 05/20/95 | 95.0 | 98.1 |
| SD008 | 953849 | 05/20/95 | 103 | 91.1 |
| SD004 | 953850 | 05/20/95 | 99.4 | 102 |
| SD014 | 953851 | 05/20/95 | 99.2 | 99.2 |
| SD532 | 953852 | 05/20/95 | 96.0 | 83.7 |
| SD642 | 953853 | 05/20/95 | 106 | 90.6 |
| SD009 | 953854 | 05/20/95 | 93.0 | 80.1 |

| SAMPLE ID | NEA SAMPLE ID | DATE SAMPLE ANALYZED | TCMX SURROGATE PERCENT RECOVERY | DCBP SURROGATE PERCENT RECOVERY |
|-----------|---------------|----------------------|---------------------------------|---------------------------------|
| SD535 | 953855 | 05/20/95 | 95.8 | 77.8 |
| SD641 | 953856 | 05/20/95 | 101 | 82.6 |
| SD008 DUP | 953857 | 05/20/95 | 93.7 | 82.4 |
| SD002 | 953858 | 05/20/95 | 101 | 103 |
| SD001 | 953859 | 05/20/95 | 98.9 | 92.1 |

Northeast Analytical, Inc.

By: Robert E. Wagner
Laboratory Director

NORTHEAST ANALYTICAL

ENVIRONMENTAL LAB SERVICES

301 Nott Street, Schenectady, NY 12305
(518) 346-4592 • FAX (518) 381-6055

LABORATORY QUALITY ASSURANCE/QUALITY CONTROL

JUNE 8, 1995

LABORATORY MATRIX SPIKE

| | | | |
|------------------|---|------|------|
| 953849 | = | 1 71 | µg/g |
| 953857S | = | 31 4 | µg/g |
| AMOUNT SPIKED | = | 28 9 | µg/g |
| PERCENT RECOVERY | = | 103% | |

LABORATORY DUPLICATE

| | | | |
|--------------------|---|-------|------|
| 953842 | = | 10 7 | µg/g |
| 953841 | = | 13 3 | µg/g |
| PERCENT DIFFERENCE | = | 21 7% | |

| | | | |
|--------------------|---|-------|------|
| 953849 | = | 3 09 | µg/g |
| 953857 | = | 3 04 | µg/g |
| PERCENT DIFFERENCE | = | 1.63% | |

LABORATORY METHOD BLANK

| | | | |
|------------|---|---------|------|
| 950515BS1E | = | < 0 100 | µg/g |
|------------|---|---------|------|

Northeast Analytical, Inc

Robert E. Wagner
By: Robert E. Wagner
Laboratory Director

HUFFMAN

LABORATORIES, INC.

Quality Analytical Services Since 1936

4630 Indiana Street • Golden, CO 80403
Phone (303) 278-4455 • FAX (303) 278-7012

DATE 5/23/95

LAB# 173495

P.O.

RECD 05/12/95

CUSTOMER #:
03860

ANALYSIS REPORT

ROBERT WAGNER
NORTHEAST ANALYTICAL
301 NOTT STREET
SCHENECTADY NY 12305

| SEQUENCE/ SAMPLE NUMBER | ANALYSIS |
|----------------------------|---|
| | CARBONATE C---% TOTAL CARBON--% ORGANIC C-----% TOT ORG C--MG/L |
| 01/SD001- - - - - | <0.02 - - - - - 0.07 - - - - - 0.07 |
| 02/SD002- - - - - | <0.02 - - - - - 0.92 - - - - - 0.92 |
| 03/SD003- - - - - | <0.02 - - - - - 0.20 - - - - - 0.20 |
| 04/SD004- - - - - | <0.02 - - - - - 1.11 - - - - - 1.11 |
| 05/SD005- - - - - | <0.02 - - - - - 0.56 - - - - - 0.56 |
| 06/SD006- - - - - | <0.02 - - - - - 0.42 - - - - - 0.42 |
| 07/SD007- - - - - | <0.02 - - - - - 0.41 - - - - - 0.41 |
| 08/SD008- - - - - | <0.02 - - - - - 1.07 - - - - - 1.07 |
| 09/SD008 DUP- - - - - | <0.02 - - - - - 1.10 - - - - - 1.10 |
| 10/SD009- - - - - | <0.02 - - - - - 1.08 - - - - - 1.08 |
| 11/SD010- - - - - | <0.02 - - - - - 1.20 - - - - - 1.20 |
| 12/SD011- - - - - | <0.02 - - - - - 1.10 - - - - - 1.10 |
| 13/SD012- - - - - | 0.03 - - - - - 0.57 - - - - - 0.54 |
| 14/SD012 DUP- - - - - | 0.03 - - - - - 1.07 - - - - - 1.04 |
| 15/SD013- - - - - | 0.02 - - - - - 0.95 - - - - - 0.93 |
| 16/SD014- - - - - | <0.02 - - - - - 0.73 - - - - - 0.73 |
| 17/SD015- - - - - | <0.02 - - - - - 0.77 - - - - - 0.77 |

DATE 5/23/95
LAB# 173495
P.O.
RECD 05/12/95
* * (CONT) * *

CUSTOMER # :
3860

ANALYSIS REPORT

ROBERT WAGNER
NORTHEAST ANALYTICAL
301 NOTT STREET
SCHENECTADY NY 12305

SEQUENCE/
SAMPLE NUMBER

ANALYSIS

CARBONATE C---% TOTAL CARBON--% ORGANIC C-----% TOT ORG C--MG/L

18/SD106- - - - - <0.02 - - - - - 0.90 - - - - - 0.90

19/SD532- - - - - <0.02 - - - - - 0.82 - - - - - 0.82

20/SD535- - - - - <0.02 - - - - - 0.74 - - - - - 0.74

21 D641- - - - - <0.02 - - - - - 0.78 - - - - - 0.78

22/SD642- - - - - <0.02 - - - - - 0.78 - - - - - 0.78

23/RINSE BLANK- - - - - <1.

24/TRIP BLANK- - - - - 1.

25/SV-107 RINSE- - - - - 1.

26/SV-107 TRIP- - - - - <1.

SAMPLES 25 AND 26 - BLANK
SAMPLES 01 THROUGH 22 ARE NOT HOMOGENEOUS.

CHAIN OF CUSTODY RECORD

| PROJECT NAME | | PROJECT LOCATION | | PROJECT CONTACT | | TELEPHONE NO | | | | | | | | | | | | | | | |
|-----------------------------|------|------------------|------|--|--|-----------------------------|--------------------------------|---------------|--|--|--|----------------------|--|-------------------------|--|--|--|--|--|--|--|
| Schlamm | | | | Jim Orr | | 615 373-3350 | | | | | | | | | | | | | | | |
| CLIENT REPRESENTATIVE | | | | PROJECT MANAGER | | | | | | | | | | | | | | | | | |
| | | | | Jim Orr | | | | | | | | | | | | | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | NUMBER OF CONTAINERS | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | | | | | |
| Rinse Blank | 5/8 | | | X | Rinse Blank | 1 | X | X | | | | | | | | | | | | | |
| Trip Blank | 5/8 | | | | Trip Blank | 1 | X | X | | | | | | | | | | | | | |
| Rinse Blank | 5/9 | | | | Rinse Blank | 1 | X | X | | | | | | | | | | | | | |
| Trip Blank | 5/9 | | | | Trip Blank | 1 | X | X | | | | | | | | | | | | | |
| SD0005 | 5/9 | | | X | SD0005 | 2 | X | X | | | | | | | | | | | | | |
| SD0007 | 5/9 | | | X | SD0007 | 2 | X | X | | | | | | | | | | | | | |
| SD0015 | 5/8 | | | X | SD0015 | 2 | X | X | | | | | | | | | | | | | |
| SD0120up | 5/9 | | | X | SD012 Dup | 2 | X | X | | | | | | | | | | | | | |
| SD0012 | 5/9 | | | X | SD0012 | 2 | X | X | | | | | | | | | | | | | |
| SD0011 | 5/9 | | | X | SD0011 | 2 | X | X | | | | | | | | | | | | | |
| SD0006 | 5/9 | | | X | SD0006 | 2 | X | X | | | | | | | | | | | | | |
| SD0106 | 5/8 | | | X | SD0106 | 2 | X | X | | | | | | | | | | | | | |
| SD0013 | 5/8 | | | X | SD0013 | 2 | X | X | | | | | | | | | | | | | |
| SD0010 | 5/9 | | | X | SD0010 | 2 | X | X | | | | | | | | | | | | | |
| SD0003 | 5/9 | | | X | SD0003 | 2 | X | X | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Received by (Signature) | | | | | | | |
| [Signature] | | 5/10/95 17:00 | | [Signature] | | [Signature] | | | | [Signature] | | | | [Signature] | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Date / Time | | Received by (Signature) | | | | | | | |
| [Signature] | | | | [Signature] | | [Signature] | | | | [Signature] | | | | [Signature] | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Date / Time | | Remarks | | | | | | | | | | | |
| [Signature] | | | | M. Kishler | | 5/11/95 10:00 | | 5/11/95 10:00 | | F-H EX # 3680620084 Cooler Temp # 306 | | SAMPLERS (Signature) | | | | | | | | | |

Note After the laboratory has received samples and signed the Chain of Custody Record, retain the yellow copy for the Lab files. Send the white copy and express ticket to ERM-Southeast at the address shown

CHAIN OF CUSTODY RECORD

ERM-SOUTHEAST, INC.
215 Centerview Drive
Brentwood, TN 37027
(615) 373-3350

| PROJECT NAME | | PROJECT LOCATION | | PROJECT NO | | TELEPHONE NO | | | | | | | | | | | |
|-----------------------------|------|------------------|------|-----------------|--|----------------------|--|--|--|--|---------------|--|--|--|--|--|--|
| Schlem | | | | Jim Orr | | 615 373-3350 | | | | | | | | | | | |
| CLIENT REPRESENTATIVE | | | | PROJECT MANAGER | | | | | | | | | | | | | |
| Jim Orr | | | | Jim Orr | | | | | | | | | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | NUMBER OF CONTAINERS | ANALYSES REQUESTED AND REMARKS | | | | | | | | | | |
| SD008 | 5/9 | | X | | SD008 | 2 | <div>PCB's</div> <div>TOL</div> <div>NEH #</div> | | | | | | | | | | |
| SD004 | 5/9 | | | X | SD004 | 2 | 953849 | | | | | | | | | | |
| SD014 | 5/8 | | X | | SD014 | 2 | 953850 | | | | | | | | | | |
| SD532 | 5/9 | | X | | SD532 | 2 | 953851 | | | | | | | | | | |
| SD642 | 5/9 | | X | | SD642 | 2 | 953852 | | | | | | | | | | |
| SD009 | 5/9 | | X | | SD009 | 2 | 953853 | | | | | | | | | | |
| SD535 | 5/9 | | X | | SD535 | 2 | 953854 | | | | | | | | | | |
| SD641 | 5/10 | | X | | SD641 | 2 | 953855 | | | | | | | | | | |
| SD008 | 5/9 | | X | | SD008 - Dup | 2 | 953856 | | | | | | | | | | |
| SD002 | 5/9 | | X | | SD002 | 2 | 953857 | | | | | | | | | | |
| SD001 | 5/9 | | X | | SD001 | 2 | 953858 | | | | | | | | | | |
| | | | | | | | 953859 | | | | | | | | | | |
| Relinquished by (Signature) | | | | | | | Date / Time | | Received by (Signature) | | Date / Time | | Received by (Signature) | | | | |
| [Signature] | | | | | | | 5/10/95 17:00 | | [Signature] | | [Signature] | | [Signature] | | | | |
| Relinquished by (Signature) | | | | | | | Date / Time | | Received by (Signature) | | Date / Time | | Received by (Signature) | | | | |
| [Signature] | | | | | | | | | [Signature] | | | | [Signature] | | | | |
| Relinquished by (Signature) | | | | | | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | | |
| [Signature] | | | | | | | 5/11/95 10:00 | | M. [Signature] | | 5/11/95 10:00 | | FED EX # 3680620084 COOLERS Temp #300 | | | | |
| SAMPLERS (Signature) | | | | | | | | | | | | | | | | | |

While copy return to ERM - how copy to lab pink copy to sample

Note After the laboratory has received samples and signed the Chain of Custody Record, retain the yellow copy for the Lab files. Send the white copy and express ticket to ERM-Southeast at the address shown.

ERM-SOUTHEAST, INC.
215 Centerview Drive
Brentwood, TN 37027
(615) 373-3350

CHAIN OF CUSTODY RECORD

| PROJECT NAME | | PROJECT CONTACT | | PROJECT LOCATION | | PROJECT MANAGER | | TELEPHONE NO | | ANALYSES REQUESTED AND REMARKS | | | | | |
|-----------------------------|------|-----------------|------|--|--|-----------------------------|---|---|---|--------------------------------|---|---|---|---|--------|
| PROJECT NO | | PROJECT CONTACT | | PROJECT LOCATION | | PROJECT MANAGER | | TELEPHONE NO | | ANALYSES REQUESTED AND REMARKS | | | | | |
| CLIENT REPRESENTATIVE | | PROJECT CONTACT | | PROJECT LOCATION | | PROJECT MANAGER | | TELEPHONE NO | | ANALYSES REQUESTED AND REMARKS | | | | | |
| SAMPLE ID | DATE | TIME | COMP | GRAB | SAMPLE DESCRIPTION (Include Matrix and Point of Sample) | NUMBER OF CONTAINERS | A | B | C | D | E | F | G | H | I |
| Rinse Blank | 5/8 | | | X | Rinse Blank | 1 | X | X | | | | | | | 953834 |
| Trip Blank | 5/8 | | | X | Trip Blank | 1 | X | X | | | | | | | 953835 |
| Rinse Blank | 5/9 | | | X | Rinse Blank | 1 | X | X | | | | | | | 953836 |
| Trip Blank | 5/9 | | | X | Trip Blank | 1 | X | X | | | | | | | 953837 |
| SD005 | 5/9 | | | X | SD005 | 2 | X | X | | | | | | | 953838 |
| SD007 | 5/9 | | X | | SD007 | 2 | X | X | | | | | | | 953839 |
| SD015 | 5/8 | | X | | SD015 | 2 | X | X | | | | | | | 953840 |
| SD012 Dup | 5/9 | | X | | SD012 Dup | 2 | X | X | | | | | | | 953841 |
| SD012 | 5/9 | | X | | SD012 | 2 | X | X | | | | | | | 953842 |
| SD011 | 5/9 | | X | | SD011 | 2 | X | X | | | | | | | 953843 |
| SD006 | 5/9 | | X | | SD006 | 2 | X | X | | | | | | | 953844 |
| SD106 | 5/8 | | X | | SD106 | 2 | X | X | | | | | | | 953845 |
| SD013 | 5/8 | | X | | SD013 | 2 | X | X | | | | | | | 953846 |
| SD010 | 5/9 | | X | | SD010 | 2 | X | X | | | | | | | 953847 |
| SD003 | 5/9 | | X | | SD003 | 2 | X | X | | | | | | | 953848 |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | |
| | | 5/10/95 17:00 | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | Relinquished by (Signature) | | Date / Time | | Received by (Signature) | | | | | |
| | | | | | | | | | | | | | | | |
| Relinquished by (Signature) | | Date / Time | | Received for Laboratory by (Signature) | | Date / Time | | Remarks | | | | | | | |
| | | | | | | 5/11/95 10:00 | | Fid EX # 368062084 Cooker Temp # 306 | | | | | | | |
| SAMPLERS (Signature) | | | | | | | | | | | | | | | |

White copy return to ERM yellow copy to lab pink copy to sampler

ERM-SOUTHEAST, INC.
215 Centerview Drive
Brentwood, TN 37027

(615) 373-3350

[illegible]

White copy return to ERM yellow copy to lab pink copy to sample